

# Climate Pledge Arena



**CLIMATE  
PLEDGE  
ARENA**

Exterior Signage & Wayfinding  
**Construction Documentation**  
Plan Set

SDCI Project No.: 3029061  
December 4, 2020

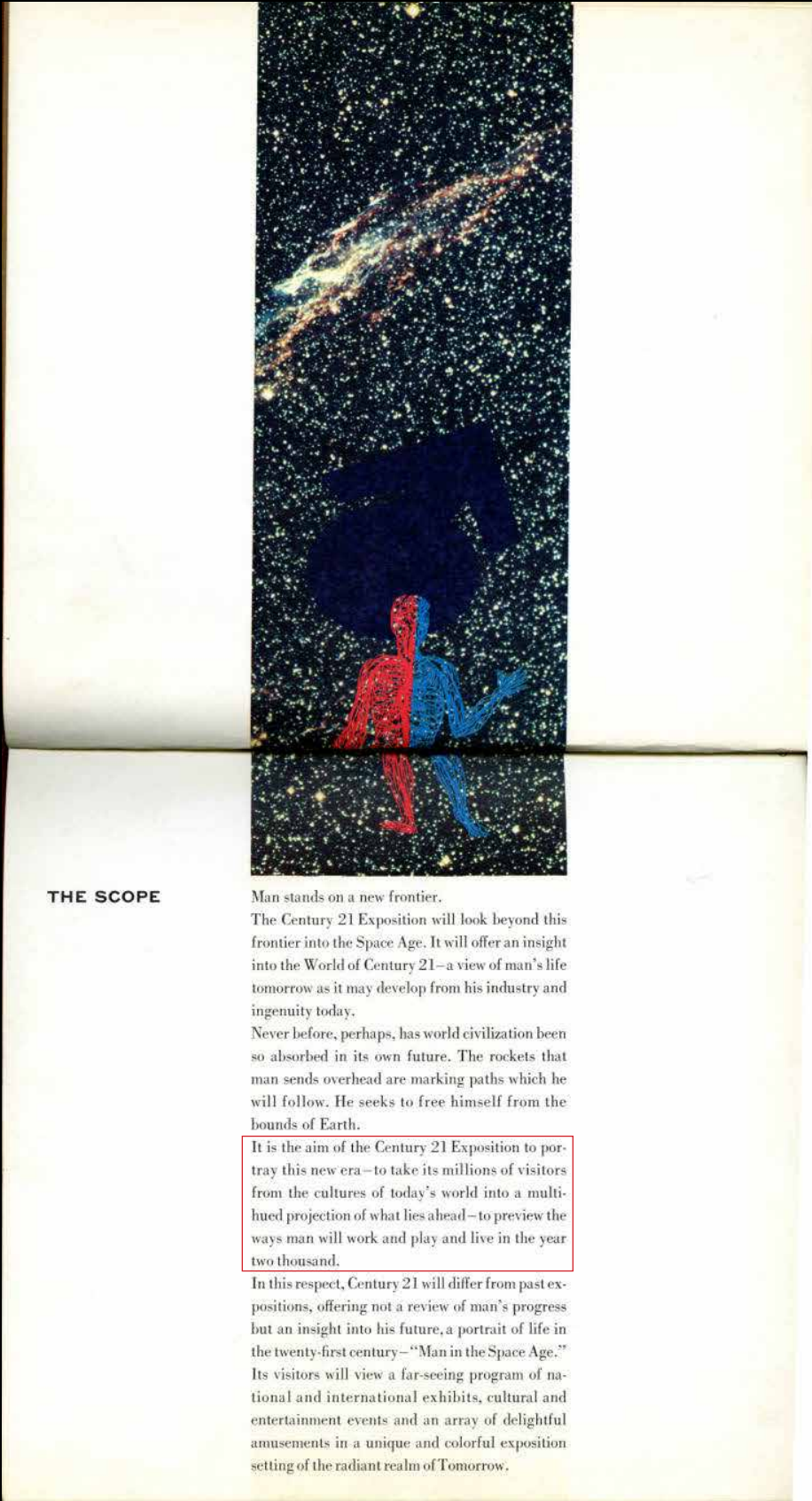
**POPULOUS**





CLIMATE  
PLEDGE  
ARENA





# THE FUTURE IS DYNAMIC

“It is the aim of the Century 21 Exposition to portray this new era—to take its millions of visitors from the culture of today’s world into a multi-hued projection of what lies ahead—to preview the ways man will work and play and live in the year two thousand.”

- 1959 Century 21 Exposition booklet  
Seattle Public Library Century 21 Digital Collection

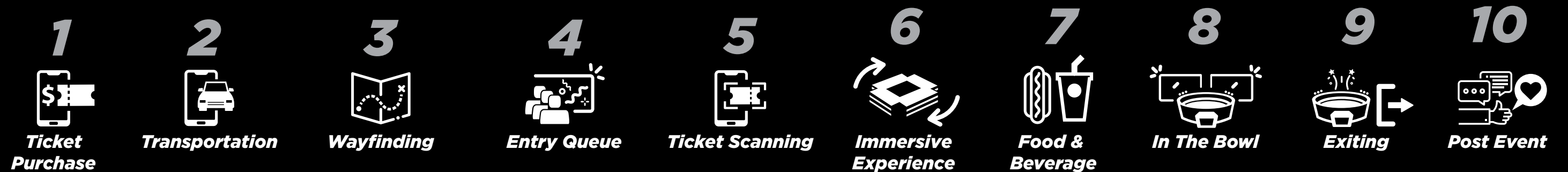
# THE FUTURE IS NOW

We have an opportunity to deliver a modern arena experience and preserve the historic place and vision for generations to come.





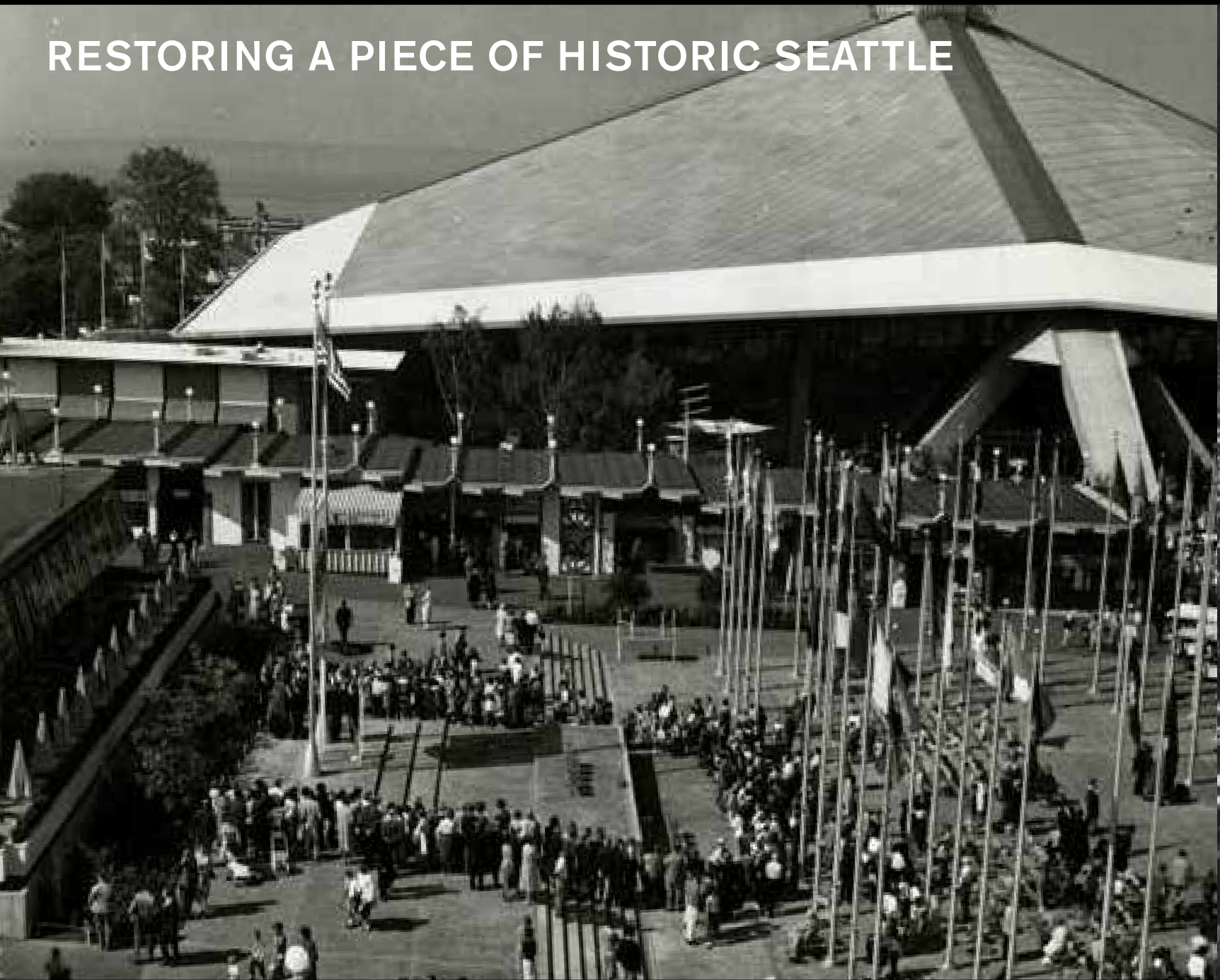
## A MODERN EXPERIENCE IN A HISTORIC PLACE



*Technology within the context of the historic building*



RESTORING A PIECE OF HISTORIC SEATTLE



AN AURA OF A MILLION MEMORIES





VISUAL COMPATIBILITY



T-Mobile Arena / Vegas



Climate Pledge Arena / Aerial



LA Live / Plaza looking South West



Climate Pledge Arena / East



VISUAL COMPATIBILITY



Climate Pledge Arena / Southwest



Climate Pledge Arena / West



Climate Pledge Arena / South



Climate Pledge Arena / North







EXISTING TEMPORARY SIGNAGE

Digital signage will result in significant reduction in the use of temporary signage at the Arena. Digital signs will be used to support Arena promotional, wayfinding and event messaging. Some additional temporary signs are anticipated and will be subject to the restrictions of the Sign Code.





# SIGN CODE



Sign Code Issue / Limitation	Code Citation
<b>Seattle Center Sign Overlay District Purpose</b>	
<ul style="list-style-type: none"><li>To promote the Seattle Center as a vibrant and valuable community resource for arts, entertainment, sports, and civic events</li><li>The City recognizes the unique nature of the Seattle Center as a large civic cultural center that includes numerous individual cultural and entertainment venues and hosts numerous community events year-round</li></ul>	SMC 23.55.052
<b>Prohibited Signs</b>	
<ul style="list-style-type: none"><li>Flashing signs</li><li>Signs that rotate or have moving parts that revolve at a speed of more than 7 revolutions per minute</li><li>Signs attached to or on stationary motor vehicles, equipment or trailers, except for signs that are 5-square-feet in area and relate to the sale, lease, or rental of the motor vehicle to which the signs are attached.</li><li>Portable signs other than detachable signs having a fixed base or mounting</li><li>Except when permitted as temporary signs under SMC 23.55.012 or under SMC 23.55.058.F, banners, streamers, strings of pennants, fabric signs, festoons of lights, clusters of flags, wind-animated objects, balloons, and searchlights. The code regulates the type, condition, size, and duration of temporary signs (temporary event signs may be displayed for up to 14 days prior to an event and no more than one day after an event).</li><li>Signs that direct the movement of vehicle traffic</li><li>Audio speakers associated with video signs</li></ul>	SMC 23.55.003.A
<b>Illumination and Brightness</b>	
<ul style="list-style-type: none"><li>Light source for externally illuminated signs must be shielded and directed away from adjacent properties</li><li>Between dusk and dawn video displays shall not be more than 500 nits</li></ul>	SMC 23.55.058.G
<b>Video Displays</b>	
<b>Hours of Operation:</b> <ul style="list-style-type: none"><li>Video prohibited between 10 pm and 7 am, except video is permitted within 1 hr. after an arena event ends</li></ul>	SMC 23.55.058.H.2
<b>Duration of Video:</b> <ul style="list-style-type: none"><li>Video clips limited to between 2 and 10 seconds long</li><li>10 seconds of still image or blank display following every video clip</li><li>Video may not play for more than 20 seconds of every 2 minutes</li></ul>	SMC 23.55.058.H.1, .3, .4
<b>Changing-Image Signs</b>	
<b>Refresh Rate</b> <ul style="list-style-type: none"><li>Changing-image sign may change its static sign message up to 7 times per minute, but not more than 7 times per minute</li></ul>	SMC 23.55.003.A.2



# OPERATIONAL INTENT

**CHANGING IMAGE SIGNS:** G - Pole Banners, LED Displays I-2, I-3, and I-4 (partial changing image), LED Display O

**VIDEO SIGNS:** D - Digital Readerboard LED Displays I-2, I-3, and I-4 (partial video)

## CONTENT

**Video & Changing Image Signs:**  
Coordinated & themed Graphics. Sign Content will communicate to arena guests event information, both current and upcoming; as well as, support arena and campus partners and other activity at Seattle Center.

## HOURS OF OPERATION

**Video Signs:** per city sign code, will be turned off between 10pm and 7am, or within 1 hour after an arena event ends.

**Changing Image Signs:** will be turned off one hour after arena guests are clear of the building and service of arena guests concludes or one hour after a Seattle Center event ends.\*

*\*Sign operations subject to coordination with Seattle Center director, Seattle Center resident organizations, and arena security operations within the parameters of the sign code.*

## DURATION OF VIDEO

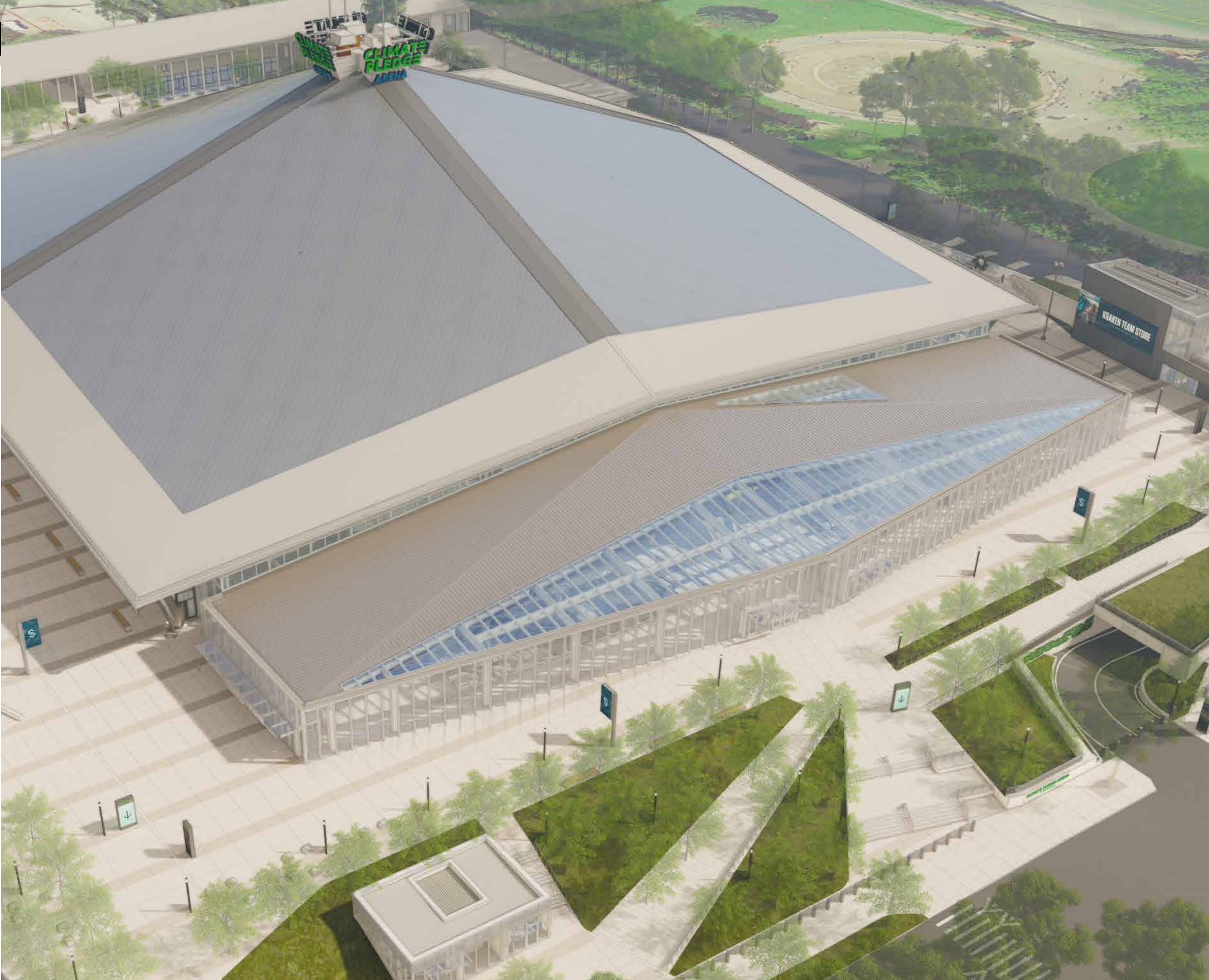
Per city sign code, video clips are limited to between 2 and 10 seconds long. 10 seconds of still image or blank display following every video clip. Video may not play for more than 20 seconds of every 2 minutes.

## CHANGING IMAGE REFRESH RATES

Per city sign code, static sign messages will change no more than 7 times per minute

## BRIGHTNESS

**Video & Changing Image Signs:**  
Between dusk and dawn shall not be more than 500 nits in compliance with industry standard and city sign code (for video signs).









# Fly Thru Animation



INSPIRATION / ICONIC NEON SIGNAGE OF SEATTLE AND THE 1962 WORLD'S FAIR



Canada Building Signage  
(1962 Seattle World's Fair)



Paradise International Signage  
(1962 Seattle World's Fair)



Gayway 21 Amusement Park Area  
(1962 Seattle World's Fair)



**BRAND FOUNDATION**

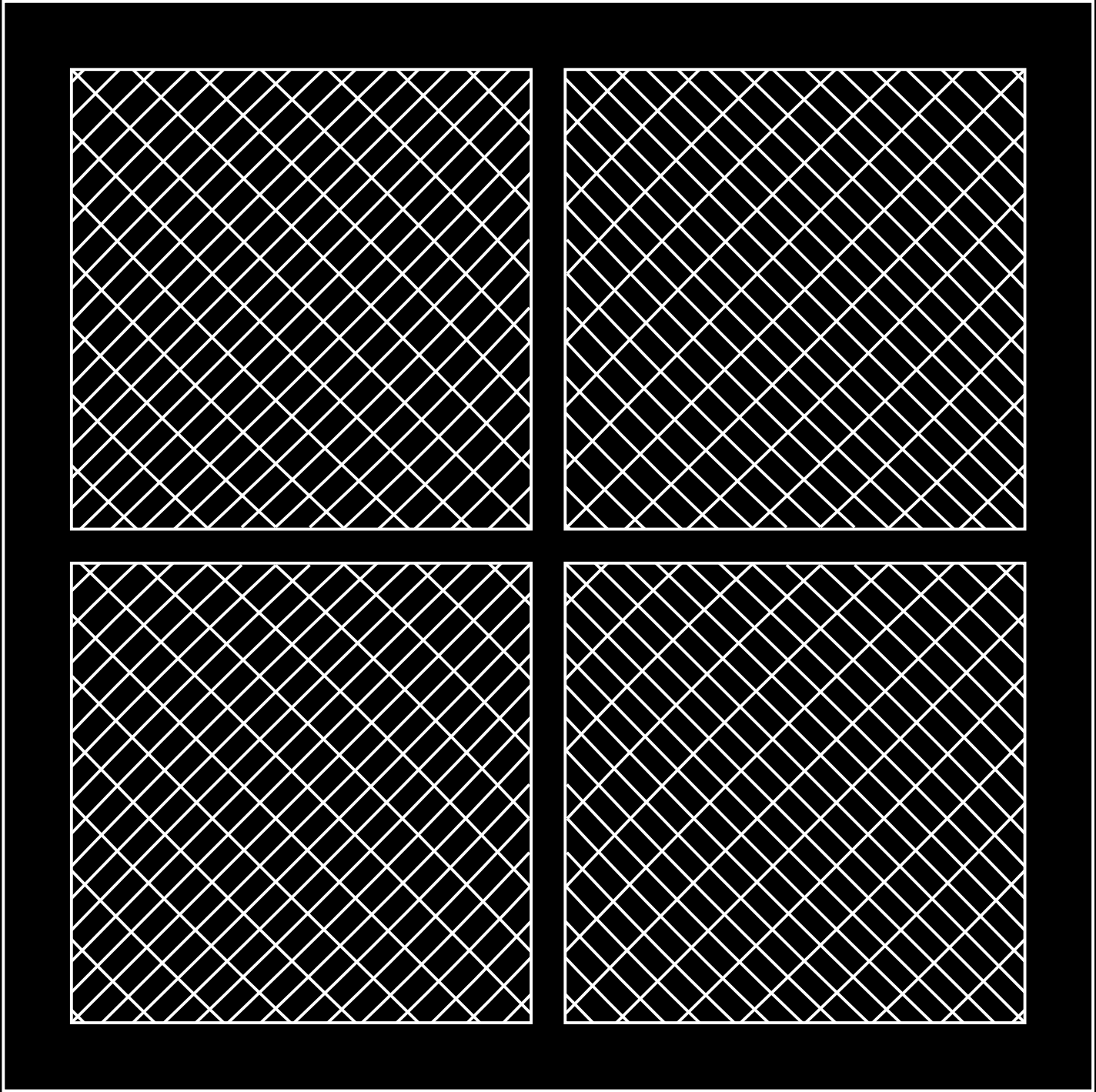
Elements of the historical roof structure of Paul Thiry's original design from the 1962 World's Fair have been incorporated into the signage system.





**BRAND FOUNDATION**

A pattern based on the hyperbolic paraboloid roof to be used in the overall branding of the building





# Typography

Akzidenz-Grotesk was a widely used typeface in the 50s and 60s.

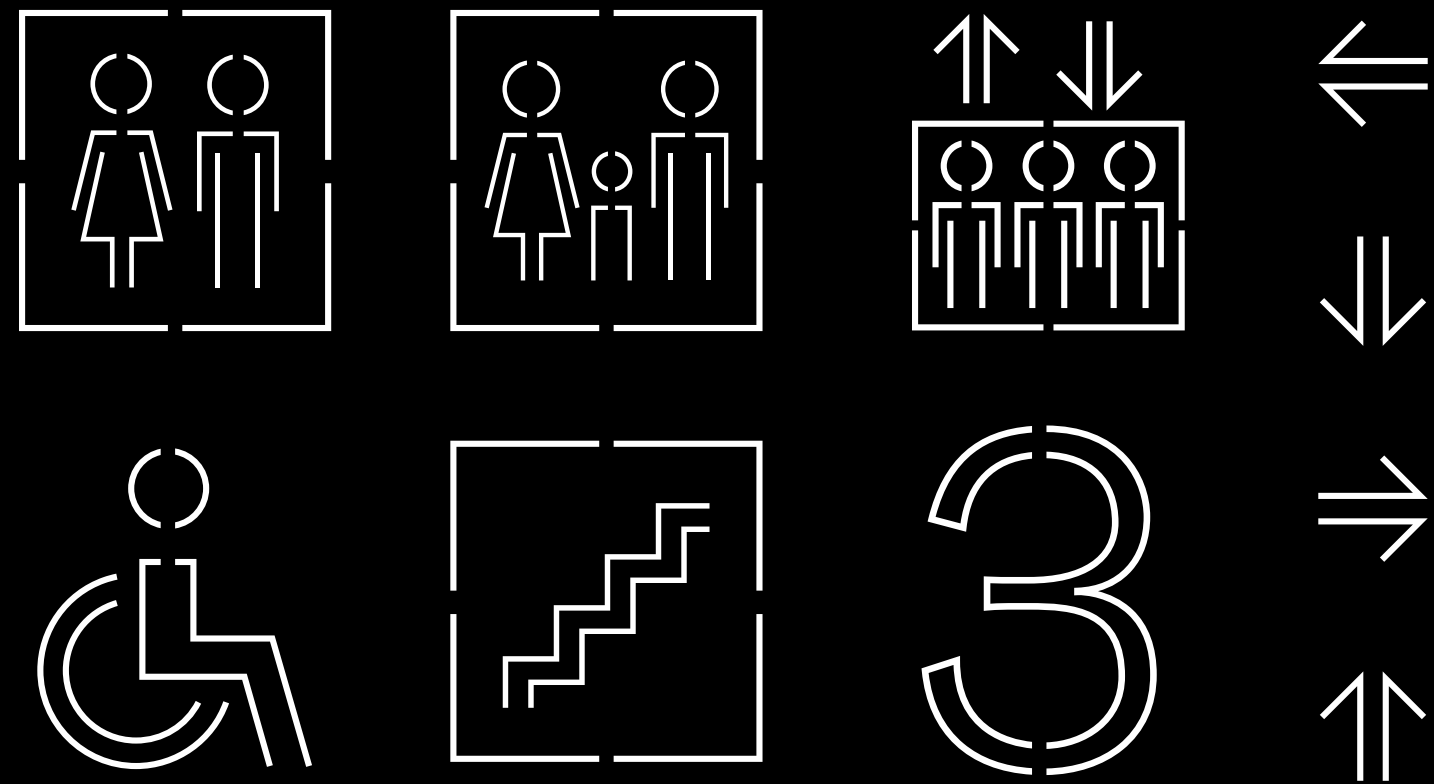
## Akzidenz-Grotesk

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
1234567890

**ABCDEFGHIJKLMNOPQRSTUVWXYZ**  
**abcdefghijklmnopqrstuvwxyz**  
**1234567890**

# Iconography

The pictograms reference the grid of the roof of the arena.



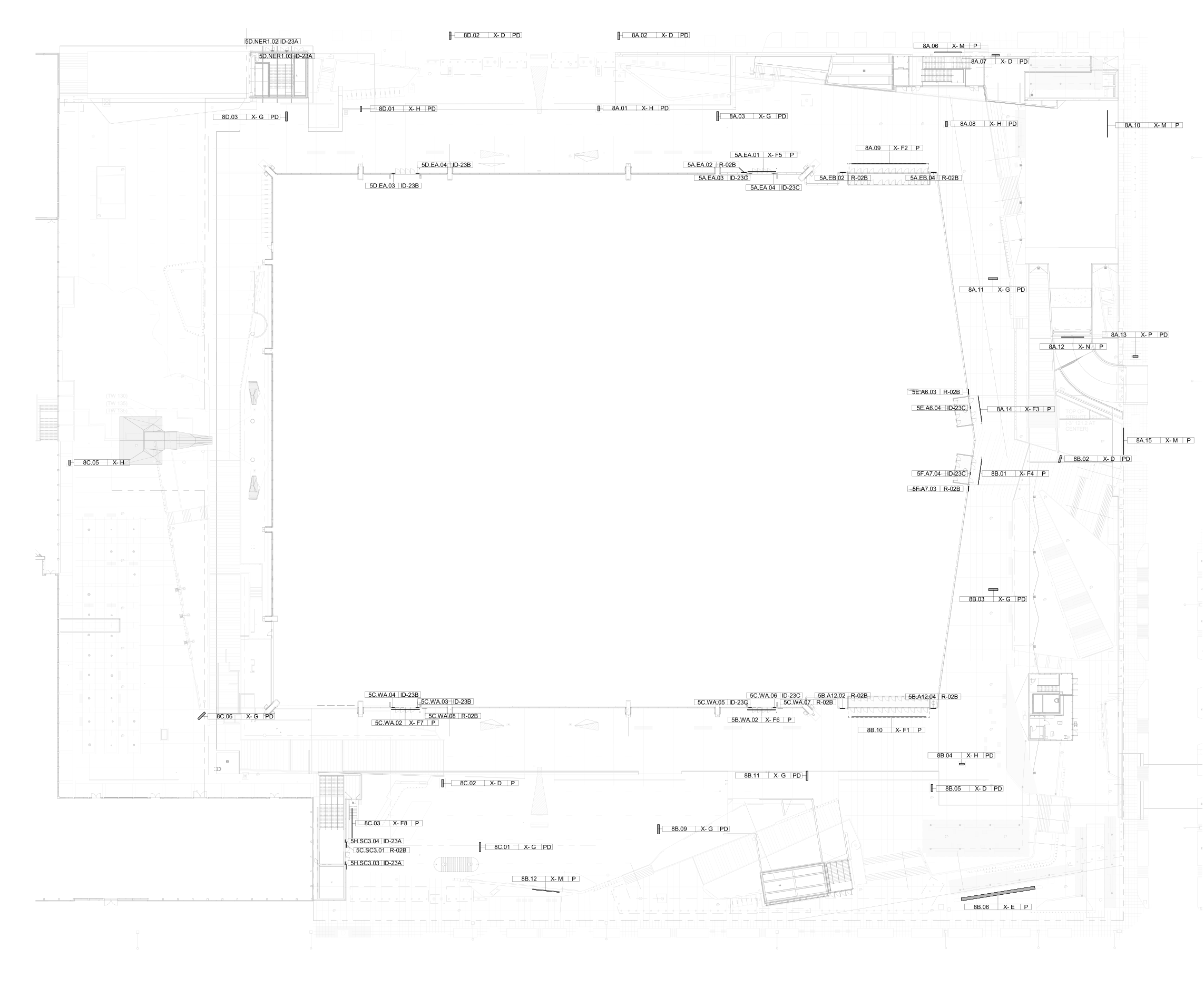


# **Exterior Signage & Wayfinding**

## Construction Documents



## SIGN LOCATION PLAN - SITE



**POPULOUS®**

4800 Main Street | Suite 300 | Kansas City, MO 64112  
Main: (816) 221-1500 | Fax: (816) 221-1578

**DRAWING NOTES:**

## DETAIL MANUAL SHEET INDEX

PROJECT INFORMATION		DRAWING NAME	QTY
SHEET#	SIGN TYPE		
G.19.0		INDEX / SIGN LOCATION PLAN	
G.20.0		DOCUMENT SYMBOLS & ABBREVIATIONS	
G.21.0		ARTWORK, COLORS, MATERIALS	

WAYFINDING & ENTRY SIGNAGE SHEET#	SIGN TYPE	DRAWING NAME	QTY
G.23.0		SIGN LOCATION PLAN	
G.24.0	F1	ENTRY ID - WEST ATRIUM - ENTRY 1	1
G.25.0	F2	ENTRY ID - EAST ATRIUM - ENTRY 8	1
G.26.0	F1	ENTRY ID - WEST ATRIUM - ENTRY 1 - RENDERING	
G.27.0	F3	ENTRY ID - SOUTH ATRIUM - ENTRY 10	1
G.28.0	F4	ENTRY ID - SOUTH ATRIUM - ENTRY 11	1
G.29.0	F3/F4	ENTRY ID - SOUTH ATRIUM - ENTRIES - RENDERING	
G.30.0	F5	ENTRY ID - EAST HISTORIC BUILDING - ENTRY 7	1
G.31.0	F6	ENTRY ID - WEST HISTORIC BUILDING - ENTRY 2	1
G.32.0	F7	ENTRY ID - WEST HISTORIC BUILDING - ENTRY 3	1
G.33.0		ENTRY ID - HISTORIC BUILDING - RENDERING	
G.34.0	F8	ENTRY ID - NW SNORKEL - ENTRY 4	1
G.35.0	F8	ENTRY ID - NW SNORKEL - ENTRY 4 - RENDERING	
G.36.0	ID-23A/B/C	ENTRY WINDOW GRAPHICS	14
	R-02B	CODE OF CONDUCT	10
G.40.0	H	PEDESTRIAN DIRECTIONAL	6
G.41.0	H	PEDESTRIAN DIRECTIONAL - RENDERING	
G.42.0	N	PARKING RAMP ID SIGN	1
G.43.0	P	PARKING GARAGE PYLON	1
G.44.0	N/P	PARKING GARAGE RAMP ID & PYLON - RENDERING	
G.45.0		COLORS, MATERIALS	

NAMING SHEET#	RIGHTS SIGN TYPE	DRAWING NAME	QTY
G.47.0		SIGN LOCATION PLAN	
G.48.0	E	SITE ID	1
G.49.0	E	SITE ID - RENDERING	
G.50.0	M	SITE ID WALL MOUNT	4
G.52.0	M	SITE ID WALL MOUNT - RENDERING	
G.53.0		COLORS, MATERIALS	

PROMOTIONAL, DIRECTIONAL & EVENT SIGNAGE - PEDESTRIAN SCALE			
SHEET#	SIGN TYPE	DRAWING NAME	QTY
G.55.0		SIGN LOCATION PLAN	
G.56.0	G	POLE BANNER	8
G.57.0	G	POLE BANNER - RENDERING	
G.58.0	D	DIGITAL READERBOARD	6
G.59.0	D	DIGITAL READERBOARD - RENDERING	
G.60.0		COLORS, MATERIALS	

PROMOTIONAL SHEET#	DIRECTIONAL SIGN TYPE	EVENT SIGNAGE DRAWING NAME	CAMPUS SCALE	QTY
G.62.0		SIGN LOCATION PLAN		
G.63.0	I-2	LED DISPLAY - SW SNORKEL		1
G.64.0	I-2	LED DISPLAY - SW SNORKEL - RENDERING		
G.65.0	I-3	LED DISPLAY - SW SNORKEL		1
G.66.0	I-3	LED DISPLAY - SW SNORKEL - RENDERING		
G.67.0	I-4	LED DISPLAY - SE SNORKEL		1
G.68.0	I-4	LED DISPLAY - SE SNORKEL - RENDERING		
G.69.0	O	LED DISPLAY - SE SNORKEL		1
G.70.0	O	LED DISPLAY - SE SNORKEL - RENDERING		

G.72.0	SIGN LOCATION PLANS CONSOLIDATED
G.73.0	SIGN SCHEDULE

## CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 11.20.2020

revisions:

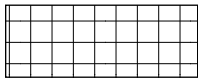
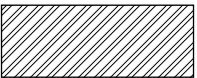


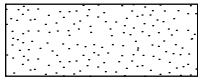
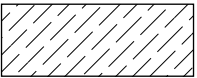
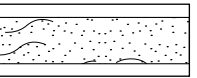
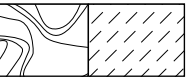
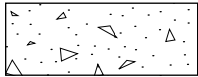
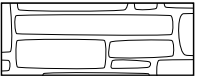
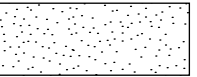
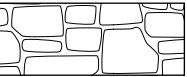
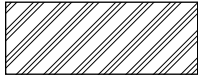
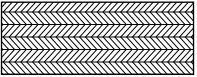


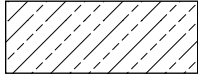
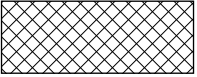

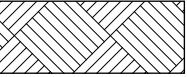
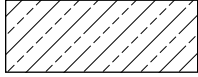

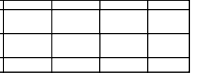
## Index / Sign Location Plan

sheet:

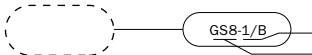

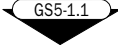



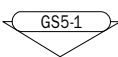
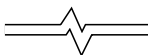



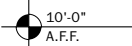

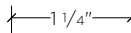

G.19.0



PROJECT MATERIALS

 Rigid Insulation	 Other Metals	 Wood Finish	 Gravel
 Plaster	 Plastic/Acrylic	 Wall Board/Gypsum	 Marble
 Concrete	 Ledgerrock-Uncoursed	 Sand	 Stone-Elevation
 Concrete	 Plywood	 Particle Board	 Concrete-Light
 Brass/Bronze	 Concrete Block-cmu	 Brick	 Earth
 Steel	 Fieldstone	 CMU-Stack Bond Elevation	

STANDARD SYMBOLS

 Detail Reference	 Detail Section	 Building Section		
 Enlarged Detail Reference	 Drawing Title	 Detail Elevation	 Building Elevation Mark	
 Broken Segment	 Center Line	 Grid Line	 Hidden Lines	 North Reference
 Elevation Symbol	 Note Reference	 Dimension Lines	 Revision Cloud & Tag	

PROJECT ABBREVIATIONS

<b>&amp;</b> <b>@</b> <b>CL</b> <b>Ø</b> <b>#</b> <b>S.F.</b>	and at centerline diameter or round number or pound square foot (feet)	<b>MAX.</b> <b>MFG.</b> <b>MFR.</b> <b>MIN.</b> <b>MISC.</b> <b>MTD.</b> <b>MTL.</b>	maximum manufacturing manufacturer minimum miscellaneous mounted metal
<b>A.F.F.</b> <b>ALUM.</b> <b>APPROX.</b> <b>ARCH.</b>	above finished floor aluminum approximate architectural	<b>N</b> <b>N/A</b> <b>N.I.C.</b> <b>NO.</b> <b>NOM.</b> <b>N.T.S.</b>	north not applicable not in contract number nominal not to scale
<b>BD.</b> <b>BLDG.</b> <b>BLKG.</b> <b>B.O.S.</b>	board building blocking bottom of sign	<b>O.C.</b> <b>O.D.</b> <b>OPNG.</b> <b>OVHD.</b> <b>OZ.</b>	on center outside diameter/dimension opening overhead ounce
<b>CJ.</b> <b>CLG.</b> <b>COL.</b> <b>CONC.</b> <b>CMU</b> <b>CONSTR.</b> <b>CONT.</b> <b>CONTR.</b> <b>CTR.</b>	control joint ceiling column concrete concrete masonry unit construction continuous contractor center	<b>PL.</b> <b>PLYWD.</b> <b>POL.</b> <b>PR.</b> <b>PT.</b> <b>PTD.</b>	plate plywood polished pair point painted
<b>DBL.</b> <b>DIA.</b> <b>DIM.</b> <b>DN.</b> <b>DR.</b>	double diameter dimension down door	<b>R</b> <b>R.C.P.</b> <b>RE.</b> <b>RENF.</b> <b>REQ'D.</b> <b>REV.</b> <b>RM.</b> <b>R.O.</b>	riser or radius reflected ceiling plan reference reinforced required revision room rough opening
<b>E</b> <b>EA.</b> <b>EL.</b> <b>ELEC.</b> <b>EQ.</b> <b>EQUIP.</b> <b>EXP.</b> <b>EXIST.</b> <b>EXT.</b>	east each elevation electrical equal equipment expansion existing exterior	<b>S</b> <b>SQ.</b> <b>S.S.</b> <b>STD.</b> <b>STL.</b> <b>STRUCT.</b> <b>S.Y. (SQ.YD.)</b> <b>S.C.</b> <b>SCHED.</b> <b>SECT.</b> <b>S.F.(SQ.FT.)</b> <b>SIM.</b> <b>SPEC.</b>	south square stainless steel standard steel structure/structural square yard(s) solid core schedule section square foot (feet) similar specification
<b>FCO</b> <b>FIN.</b> <b>FL.</b> <b>F.O.F.</b> <b>F.O.S.</b> <b>FR.</b> <b>FT.</b> <b>FURRR.</b> <b>FV.</b>	flat cut out finish floor face of finish face of stud fire resistive foot or feet furring field verify	<b>TEL.</b> <b>TEMP.</b> <b>T.O.D.</b> <b>T.O.S.</b> <b>T.O.W.</b> <b>TYP</b> <b>T.B.D.</b>	telephone temporary top of deck top of slab or top of steel top of wall typical to be determined
<b>GA.</b> <b>GALV.</b> <b>GL.</b> <b>GYP. BD.</b>	gauge galvanized glass gypsum board	<b>U.N.O.</b>  <b>VERT.</b>	unless noted otherwise  vertical
<b>HDW.</b> <b>HDWD.</b> <b>HORIZ.</b> <b>HT.</b>	hardware hardwood horizontal height	<b>W</b> <b>W/</b> <b>W/I</b> <b>W/O</b> <b>WD.</b> <b>WNDW.</b> <b>WT.</b>	west wide or width with within without wood window weight
<b>I.D.</b> <b>IN.</b>	inside diameter/dimension inch		
<b>INFO.</b> <b>INT.</b>	information interior		
<b>JT.</b>	joint		
<b>L.</b> <b>LT.(LTG.)</b> <b>L.W.C.</b>	long/length light (lighting) lightweight concrete		

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DRAWING NOTES:

CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

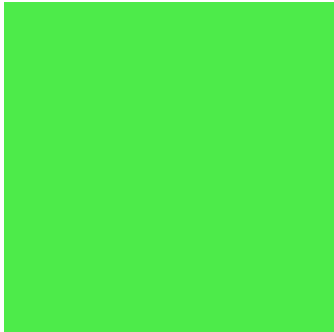
revisions:

Symbols & Abbreviations

sheet:

G.20.0





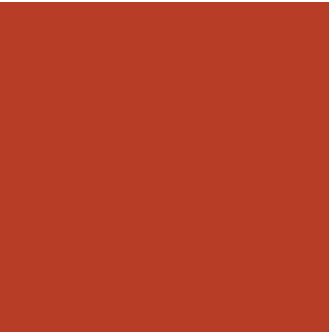
PMS 2270 C



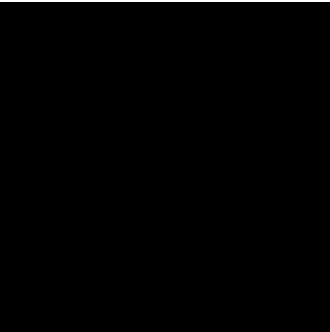
PMS 7484 C



PMS 7683 C

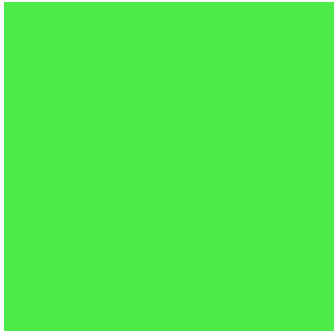


PMS 7599 C



Black

Acrylic Colors



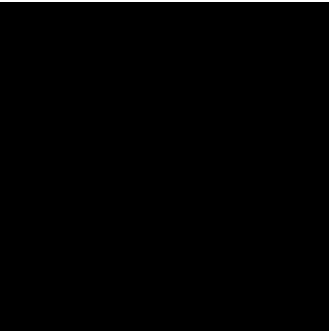
PMS 2270 C



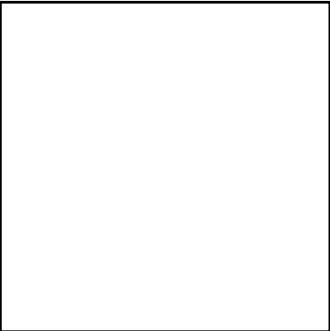
PMS 7484 C



PMS Cool Gray 10 C



Black



White

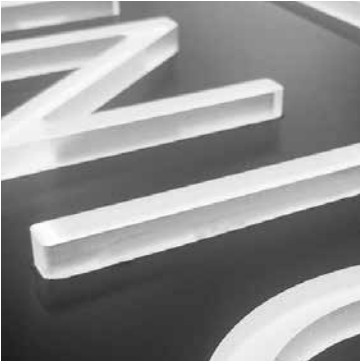
Paint Colors



Tube Detail Photo



Illuminated / Non-illuminated Example



Push-through Acrylic Lettering



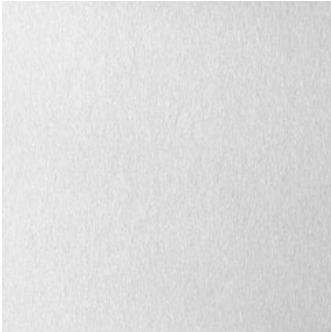
Faux Neon Resin Tubing housed in an open face channel letter

Faux Neon Resin Tubing: Bitro Resno RS-AC-N2



Push-through Acrylic Stroke (Mimics neon illumination)

Push-through Acrylic



Bright Aluminum

Mounting Structure



(Matches concrete finish)

Sand-blasted Aluminum



Direct Embed Douglas Fir

Faux Wood Finish



3M IJ180CV3 Controltac

Vinyl Graphics

POPULOUS®

4800 Main Street | Suite 300 | Kansas City, MO 64112  
Main: (816) 221-1500 | Fax: (816) 221-1578

DRAWING NOTES:

CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

Finishes/Materials/Colors



# **Wayfinding & Entry**

## Signage

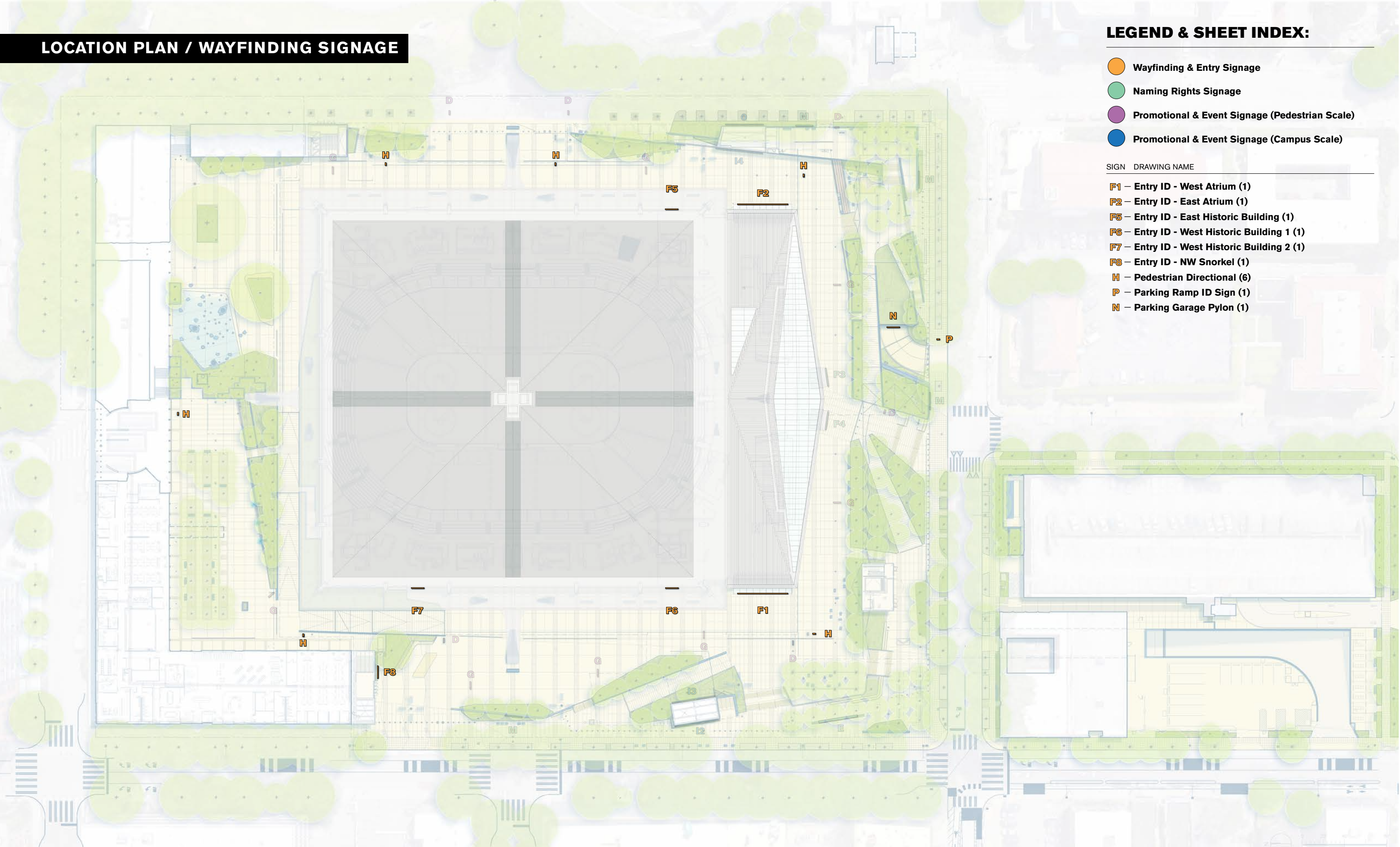


LOCATION PLAN / WAYFINDING SIGNAGE

LEGEND & SHEET INDEX:

- Wayfinding & Entry Signage
- Naming Rights Signage
- Promotional & Event Signage (Pedestrian Scale)
- Promotional & Event Signage (Campus Scale)

SIGN	DRAWING NAME
F1	Entry ID - West Atrium (1)
F2	Entry ID - East Atrium (1)
F5	Entry ID - East Historic Building (1)
F6	Entry ID - West Historic Building 1 (1)
F7	Entry ID - West Historic Building 2 (1)
F8	Entry ID - NW Snorkel (1)
H	Pedestrian Directional (6)
P	Parking Ramp ID Sign (1)
N	Parking Garage Pylon (1)





DRAWING NOTES:

1. OPEN FACE CHANNEL FORMED LETTERS & BOXES
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all exterior surfaces of letters and box in gray metallic finish
  - Paint interior surfaces of box in white finish
  - Paint interior surfaces of letters in gray metallic finish
  - Letters are to be mechanically attached to canopy angle
  - Boxes to be attached to with aluminum tube to channel (used as raceway for all wiring)
2. FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8 width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White for white resin shown, and others to match PMS 2270 C and PMS 7599 C
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE CHANNEL RACEWAY AND HARDWARE FOR MOUNTING TO CANOPY

ALL STRUCTURAL ATTACHMENT FASTENING TO TUBE TO BE WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS OR BACK AND HARDWARE SHOWN FOR MOUNTING TUBE TO CANOPY

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

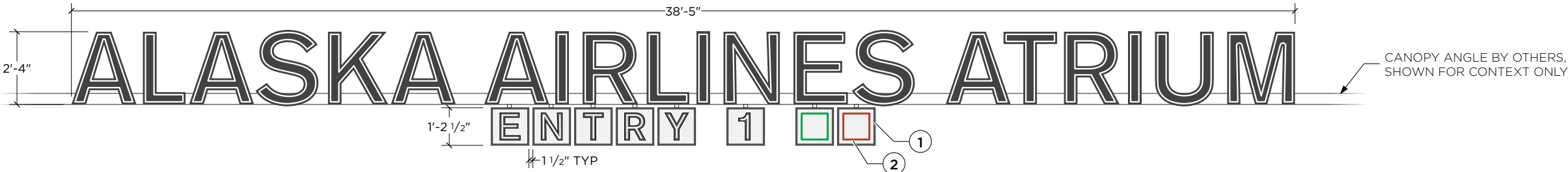
revisions:

F1 - Entry ID

West Atrium - Entry 1

sheet:

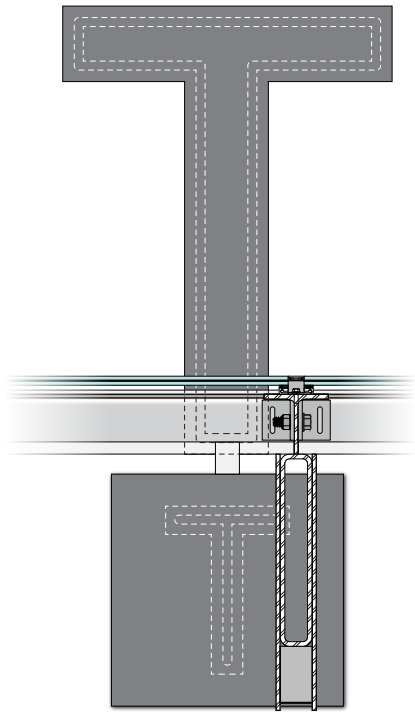
G.24.0



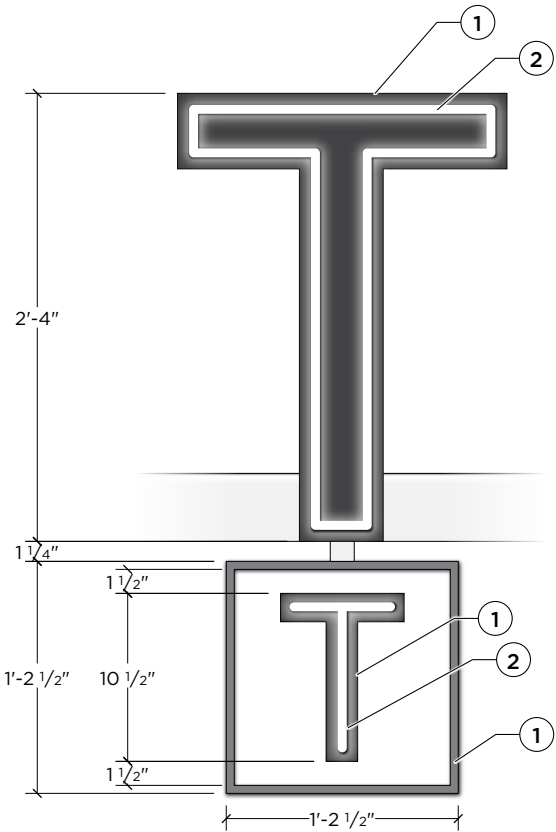
**A** FRONT DETAIL  
SCALE: 1/4"=1'-0"



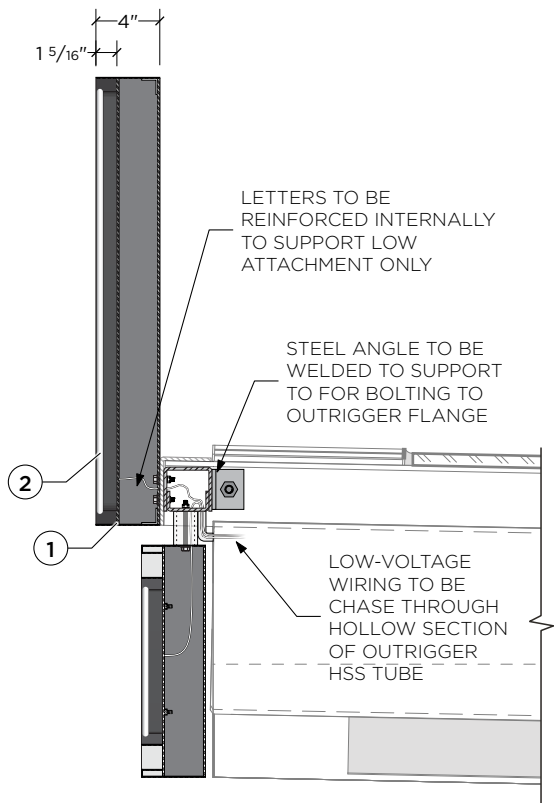
**B** REFERENCE IMAGES  
SCALE: NTS



**C** LETTER DETAIL (REVERSE SIDE)  
SCALE: 1"=1'-0"



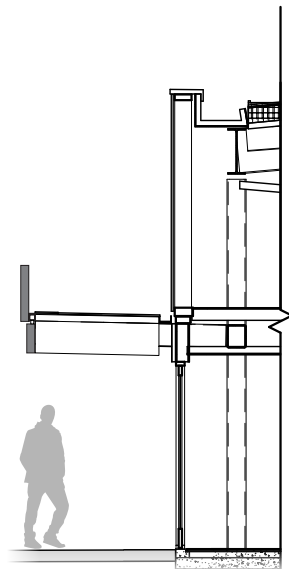
**D** LETTER DETAIL  
SCALE: 1"=1'-0"



**E** SECTION VIEW  
SCALE: 1"=1'-0"

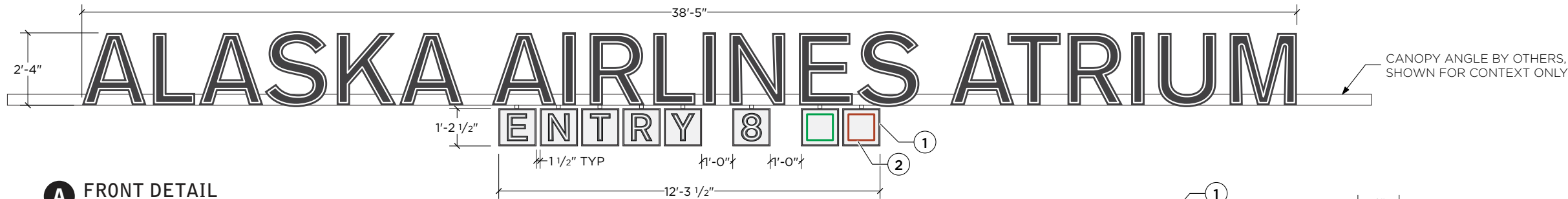


**F** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"



**G** CONTEXT SECTION  
SCALE: 1/8"=1'-0"

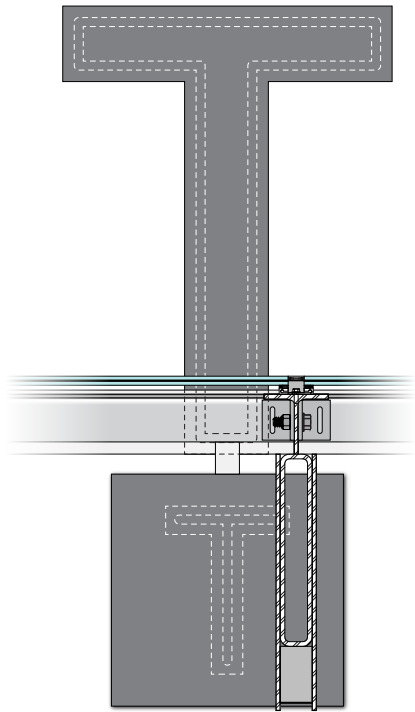




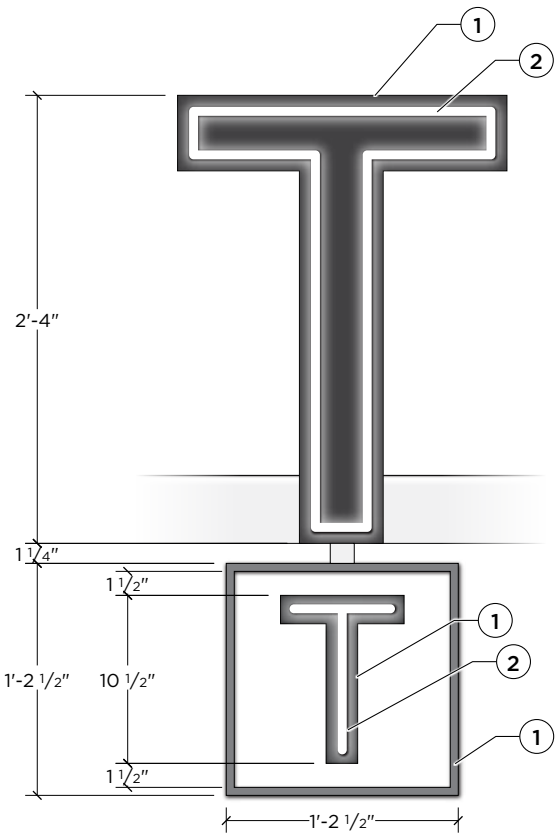
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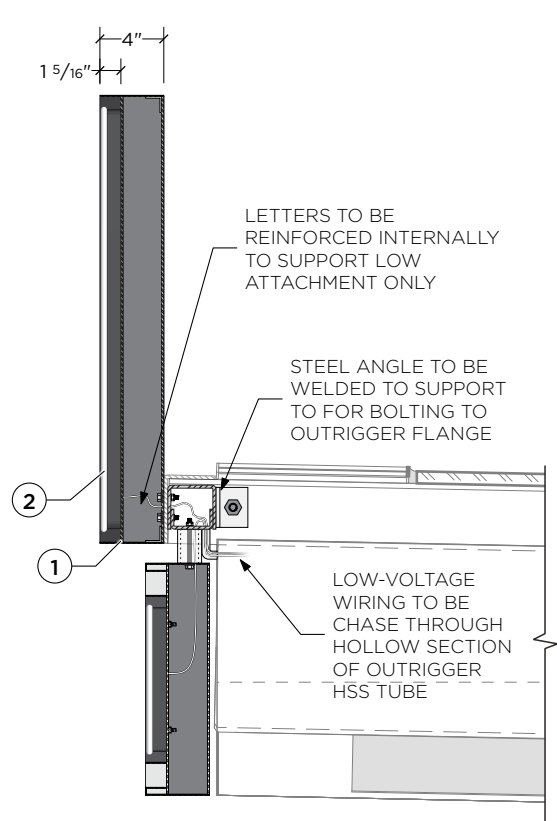
**B** REFERENCE IMAGES  
SCALE: NTS



**C** LETTER DETAIL (REVERSE SIDE)  
SCALE: 1"=1'-0"



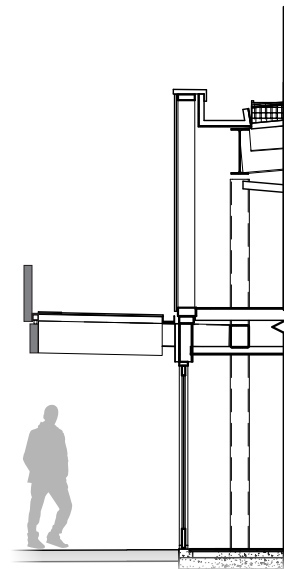
**D** LETTER DETAIL  
SCALE: 1"=1'-0"



**E** SECTION VIEW  
SCALE: 1"=1'-0"



**F** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"



**G** CONTEXT SECTION  
SCALE: 1/8"=1'-0"

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4800 Main Street | Suite 300 | Kansas City, MO 64112  
Main: (816) 221-1500 | Fax: (816) 221-1578

## DRAWING NOTES:

1. OPEN FACE CHANNEL FORMED LETTERS & BOXES
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all exterior surfaces of letters and box in gray metallic finish
  - Paint interior surfaces of box in white finish
  - Paint interior surfaces of letters in gray metallic finish
  - Letters are to be mechanically attached to canopy angle
  - Boxes to be attached to with aluminum tube to channel (used as raceway for all wiring)
2. FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8 width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White for white resin shown, and others to match PMS 2270 C and PMS 7599 C
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

## ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE CHANNEL RACEWAY AND HARDWARE FOR MOUNTING TO CANOPY

ALL STRUCTURAL ATTACHMENT FASTENING TO TUBE TO BE WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS OR BACK AND HARDWARE SHOWN FOR MOUNTING TUBE TO CANOPY

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

## CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

## F2 - Entry ID

East Atrium - Entry 8

sheet:

G.25.0







DRAWING NOTES:

- OPEN FACE CHANNEL FORMED LETTERS & BOXES
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all exterior surfaces of letters and box in gray metallic finish
  - Paint interior surfaces of box in white finish
  - Paint interior surfaces of letters in gray metallic finish
  - Letters are to be mechanically attached to canopy angle
  - Boxes to be attached to with aluminum tube to channel (used as raceway for all wiring)
- FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8 width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White for white resin shown, and others to match PMS 7599 C and PMS 7683 C
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE CHANNEL RACEWAY AND HARDWARE FOR MOUNTING TO CANOPY

ALL STRUCTURAL ATTACHMENT FASTENING TO TUBE TO BE WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS OR BACK AND HARDWARE SHOWN FOR MOUNTING TUBE TO CANOPY

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

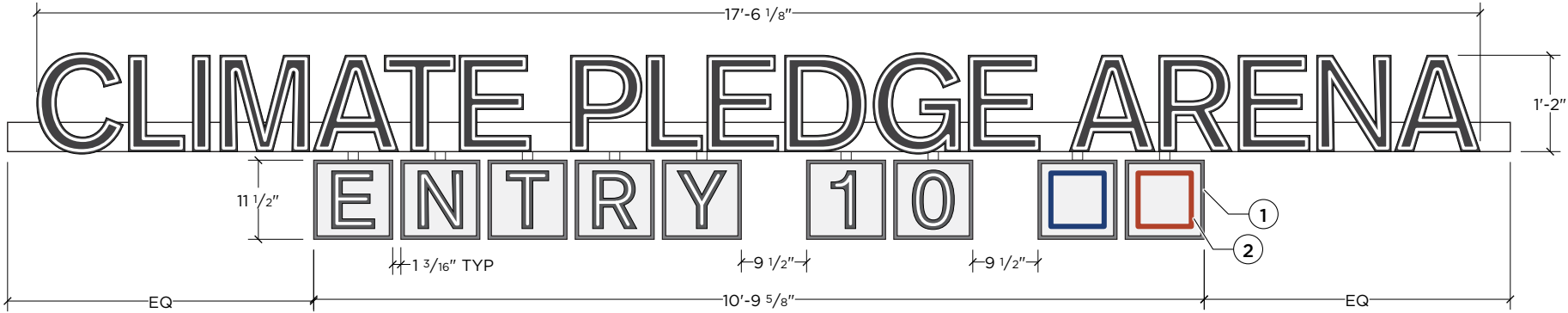
revisions:

F3 - Entry ID

South Atrium - Entry 10

sheet:

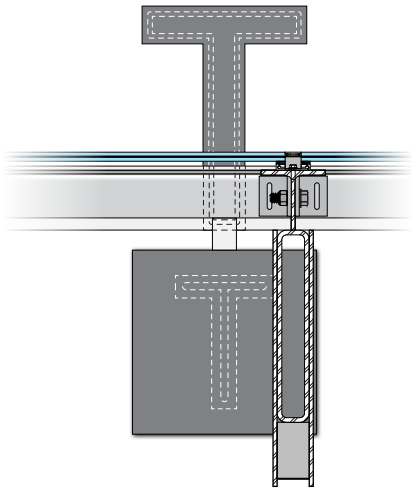
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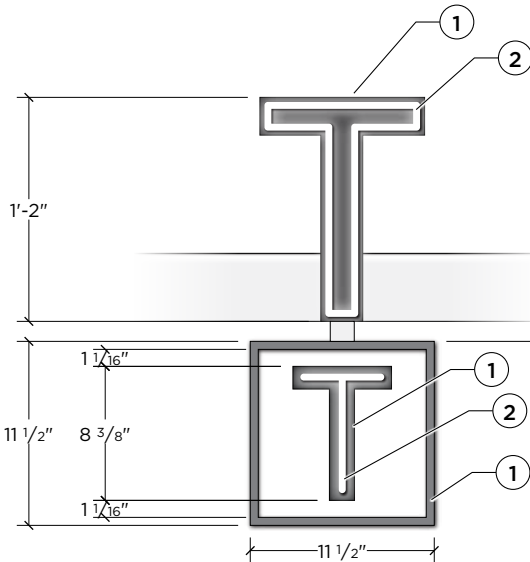
**A** FRONT DETAIL  
SCALE: 1/2"=1'-0"



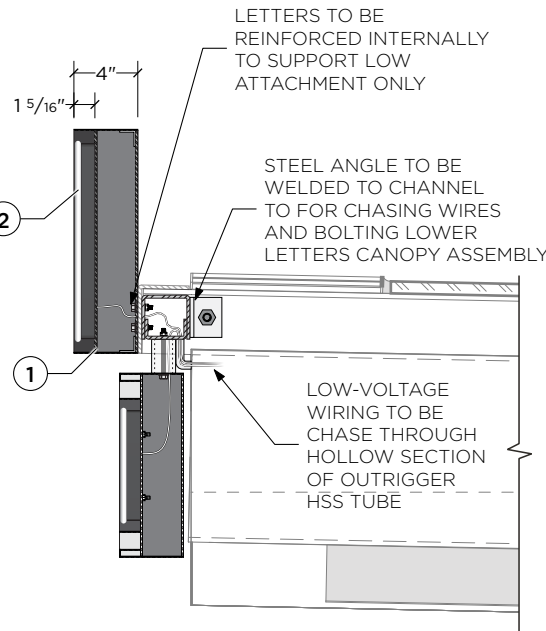
**B** REFERENCE IMAGES  
SCALE: NTS



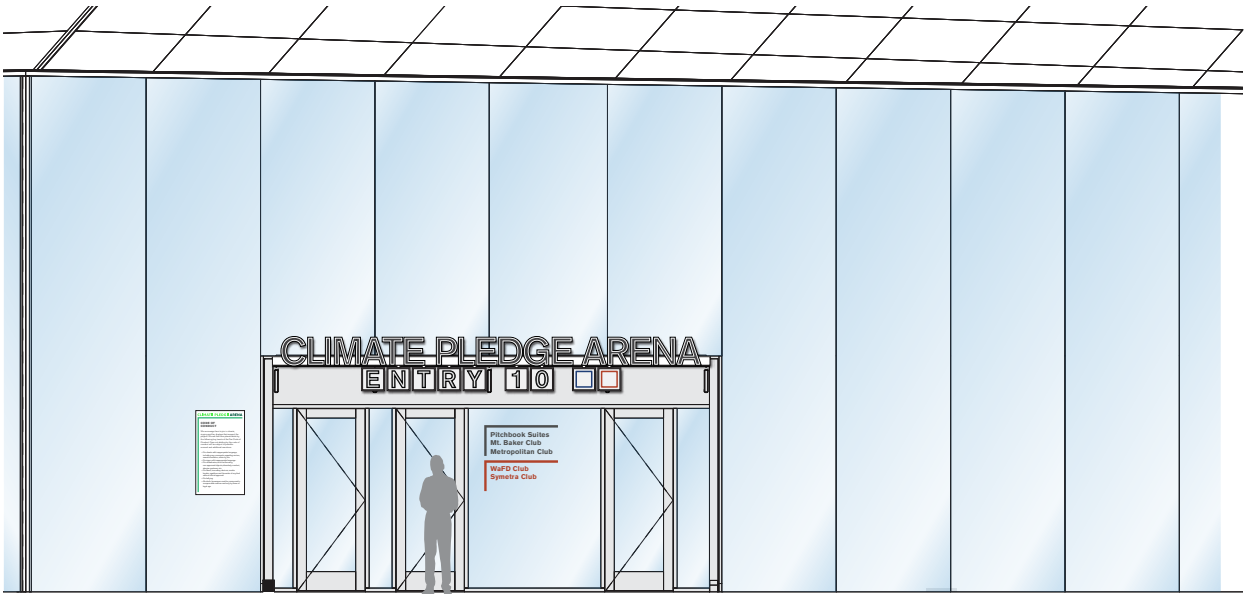
**C** LETTER DETAIL (REVERSE SIDE)  
SCALE: 1"=1'-0"



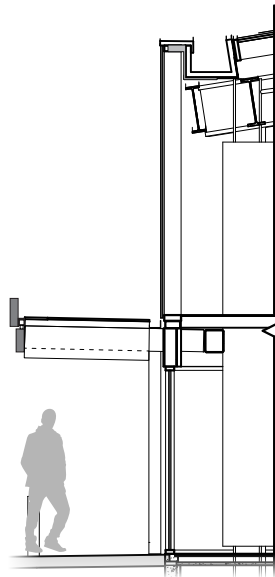
**D** LETTER DETAIL  
SCALE: 1"=1'-0"



**E** SECTION VIEW  
SCALE: 1"=1'-0"



**F** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"



**G** CONTEXT SECTION  
SCALE: 1/8"=1'-0"



DRAWING NOTES:

- OPEN FACE CHANNEL FORMED LETTERS & BOXES
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all exterior surfaces of letters and box in gray metallic finish
  - Paint interior surfaces of box in white finish
  - Letters are to be mechanically attached to canopy angle
  - Boxes to be attached to with aluminum tube to channel (used as raceway for all wiring)
- FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8 width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White for white resin shown, and others to match PMS 7599 C and PMS 7683 C
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE CHANNEL RACEWAY AND HARDWARE FOR MOUNTING TO CANOPY

ALL STRUCTURAL ATTACHMENT FASTENING TO TUBE TO BE WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS OR BACK AND HARDWARE SHOWN FOR MOUNTING TUBE TO CANOPY

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

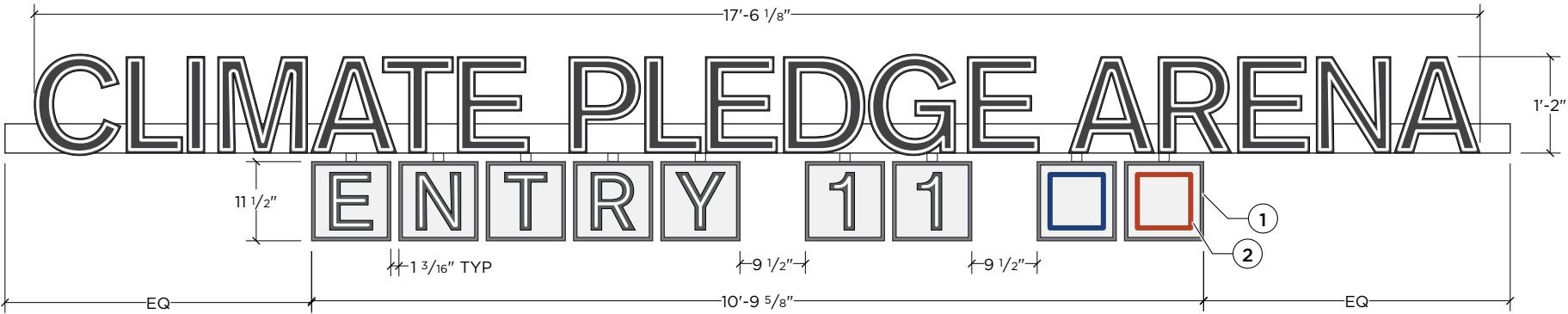
revisions:

F4 - Entry ID

South Atrium - Entry 11

sheet:

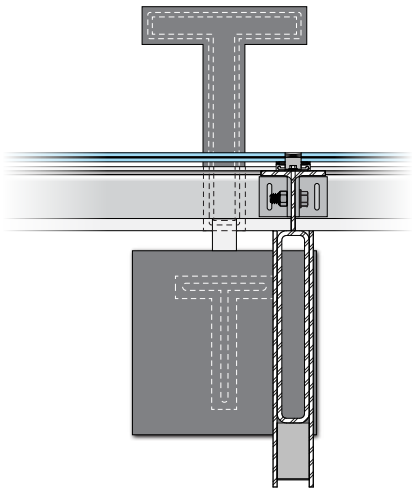
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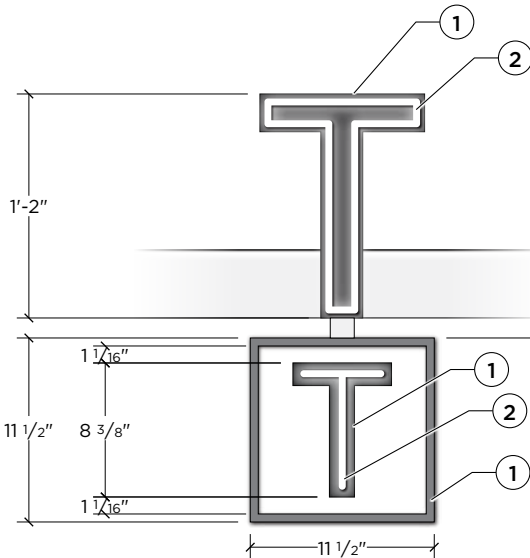
**A** FRONT DETAIL  
SCALE: 1/2"=1'-0"



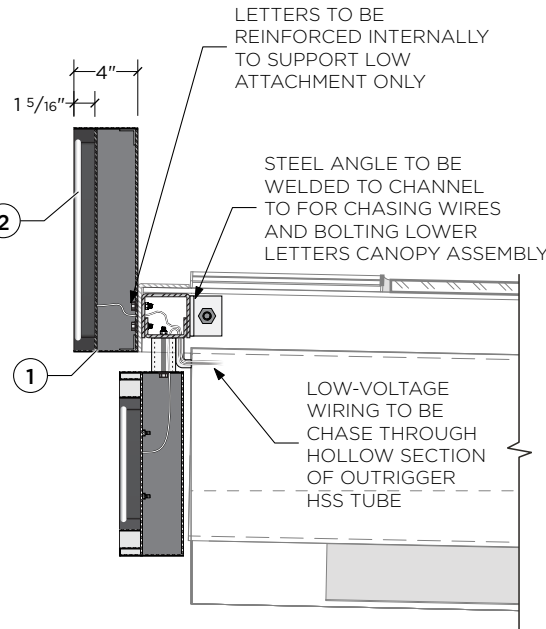
**B** REFERENCE IMAGES  
SCALE: NTS



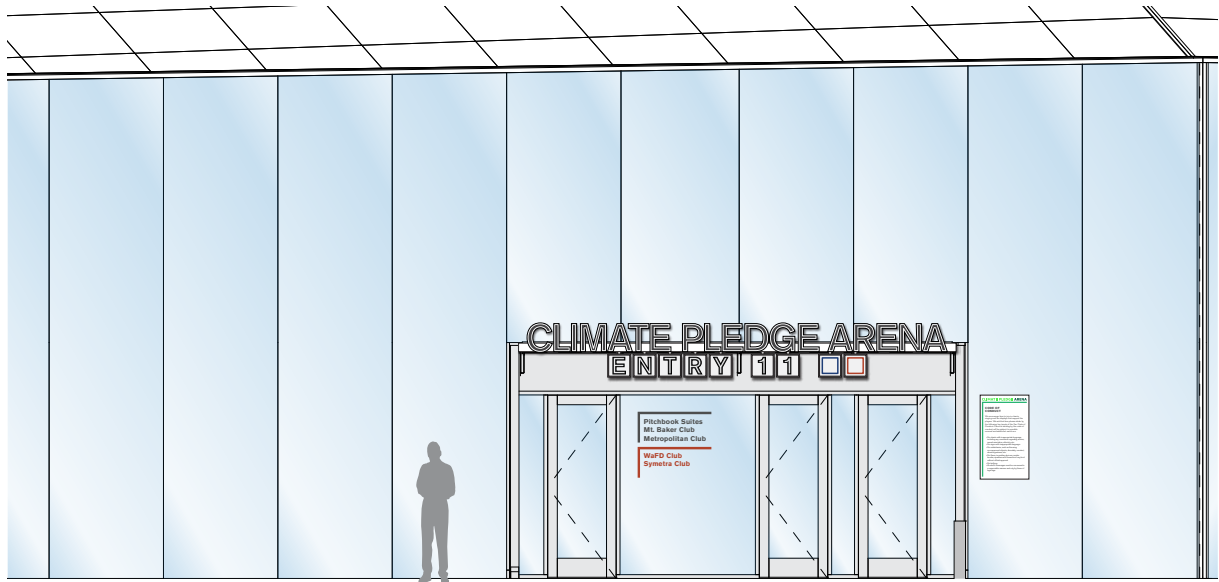
**C** LETTER DETAIL (REVERSE SIDE)  
SCALE: 1"=1'-0"



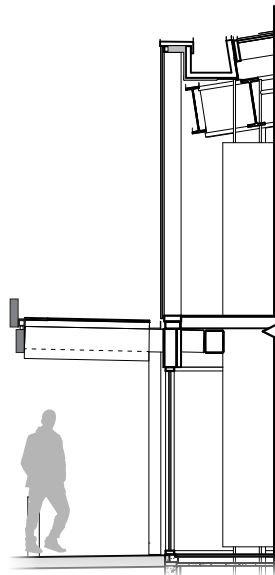
**D** LETTER DETAIL  
SCALE: 1"=1'-0"



**E** SECTION VIEW  
SCALE: 1"=1'-0"



**E** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"



**G** CONTEXT SECTION  
SCALE: 1/8"=1'-0"







DRAWING NOTES:

- OPEN FACE CHANNEL LETTERS
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all surfaces with metallic gray finish
  - Letters are to be mechanically attached to mounting tube raceway
  - Raceway to be mechanically attached to outriggers provided by G.C.
- FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8 width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE RACEWAY AND HARDWARE FOR MOUNTING TO OUTRIGGERS

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

ALL STRUCTURAL ATTACHMENT FASTENING TO TUBE TO BE WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS AND HARDWARE SHOWN FOR MOUNTING TUBE TO CURTAIN WALL OUTRIGGERS

WORDS USED IN IMAGES ARE PLACEHOLDERS. THESE IMAGES ILLUSTRATE LOCATION, COMPOSITION, FONT, AND OVERALL MAXIMUM DIMENSIONS OF PROPOSED SIGNAGE. ACTUAL SPONSOR NAME PENDING CONFIRMATION OF SPONSORS

**BASE BID TO INCLUDE PRICING ON (8) LETTERS AT 18" CAP HEIGHT; FABRICATOR TO PROVIDE ALTERNATE PRICING BASED ON (25) LETTER AT 10" CAP HEIGHT**

CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

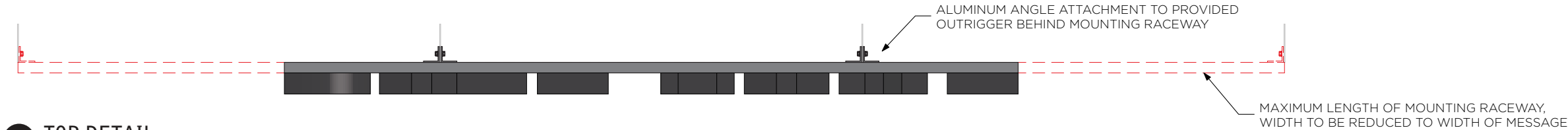
revisions:

F5 - Entry ID

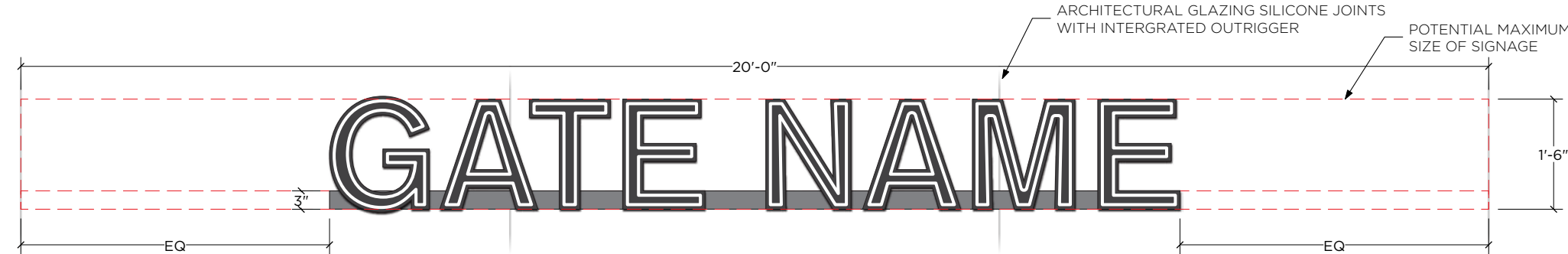
East Historic Building - Entry 7

sheet:

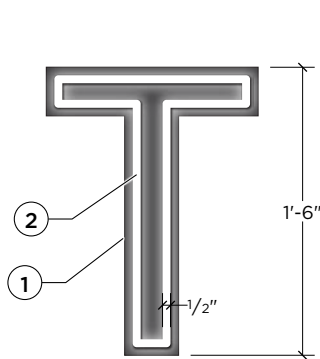
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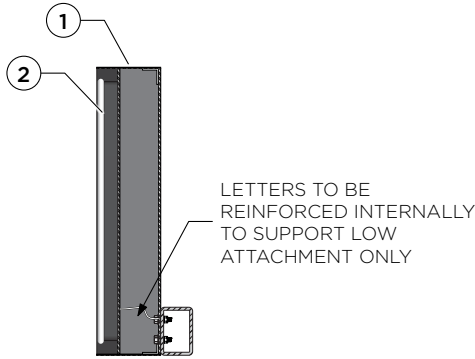
**A** TOP DETAIL  
SCALE: 1/2"=1'-0"



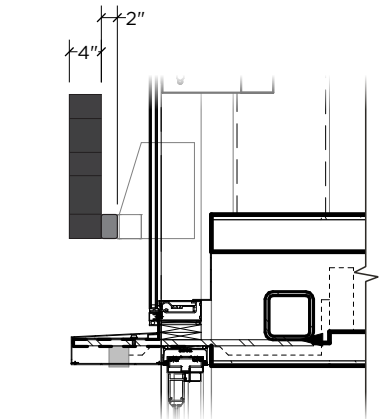
**B** FRONT DETAIL  
SCALE: 1/2"=1'-0"



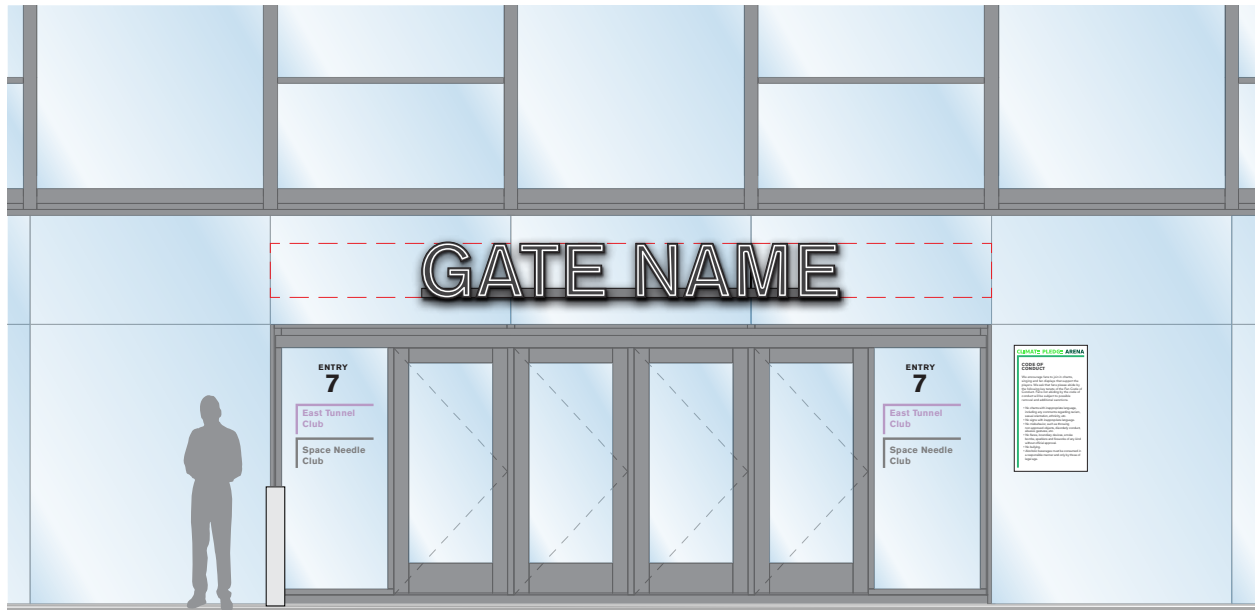
**D** LETTER DETAIL  
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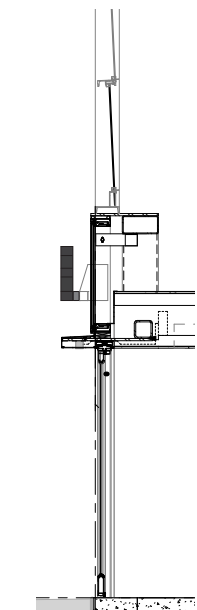
**E** LETTER SECTION  
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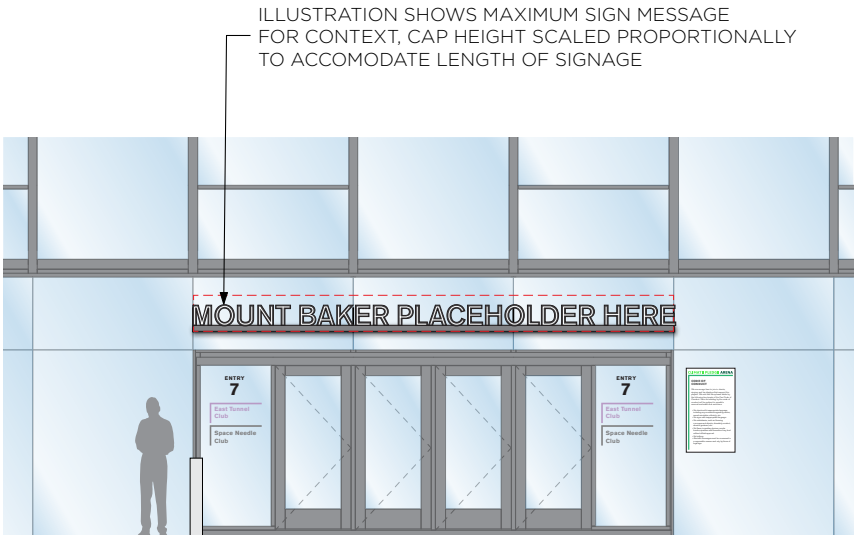
**C** SECTION DETAIL  
SCALE: 1/2"=1'-0"



**F** CONTEXT ELEVATION  
SCALE: 3/16"=1'-0"



**F** SECTION  
SCALE: 3/16"=1'-0"



**H** ALTERNATE CONTEXT ELEVATION  
SCALE: 3/16"=1'-0"



DRAWING NOTES:

- OPEN FACE CHANNEL LETTERS
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all surfaces with metallic gray finish
  - Letters are to be mechanically attached to mounting tube raceway
  - Raceway to be mechanically attached to existing mullions
- FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8 width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE RACEWAY AND HARDWARE FOR MOUNTING TO MULLIONS

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

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**BASE BID TO INCLUDE PRICING ON (8) LETTERS AT 18" CAP HEIGHT; FABRICATOR TO PROVIDE ALTERNATE PRICING BASED ON (25) LETTER AT 10" CAP HEIGHT**

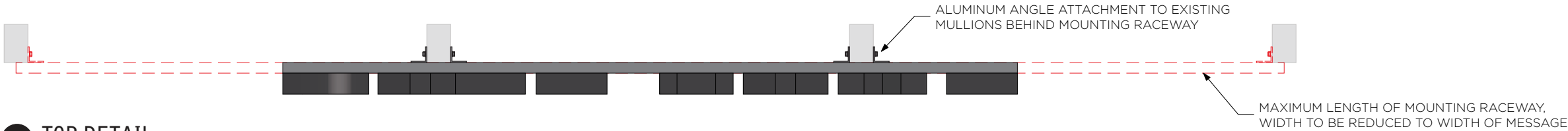
CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

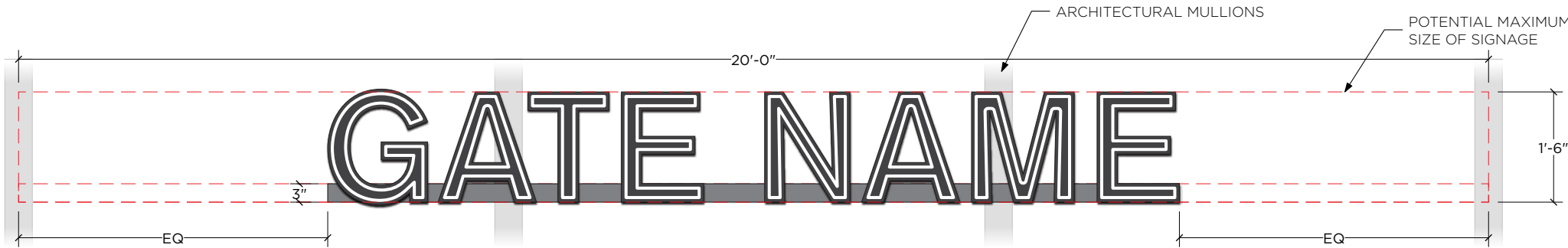
revisions:

F6 - Entry ID

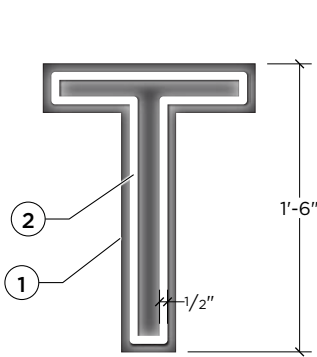
West Historic Building - Entry 2



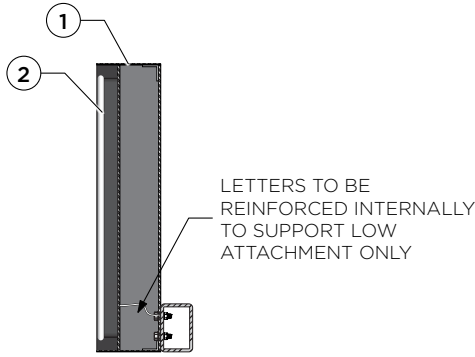
**A** TOP DETAIL  
SCALE: 1/2"=1'-0"



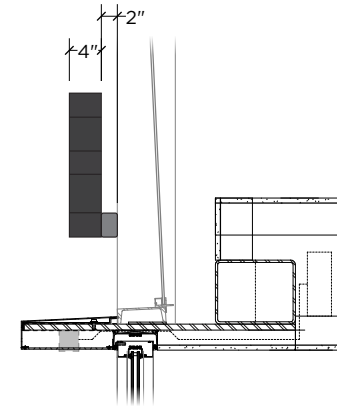
**B** FRONT DETAIL  
SCALE: 1/2"=1'-0"



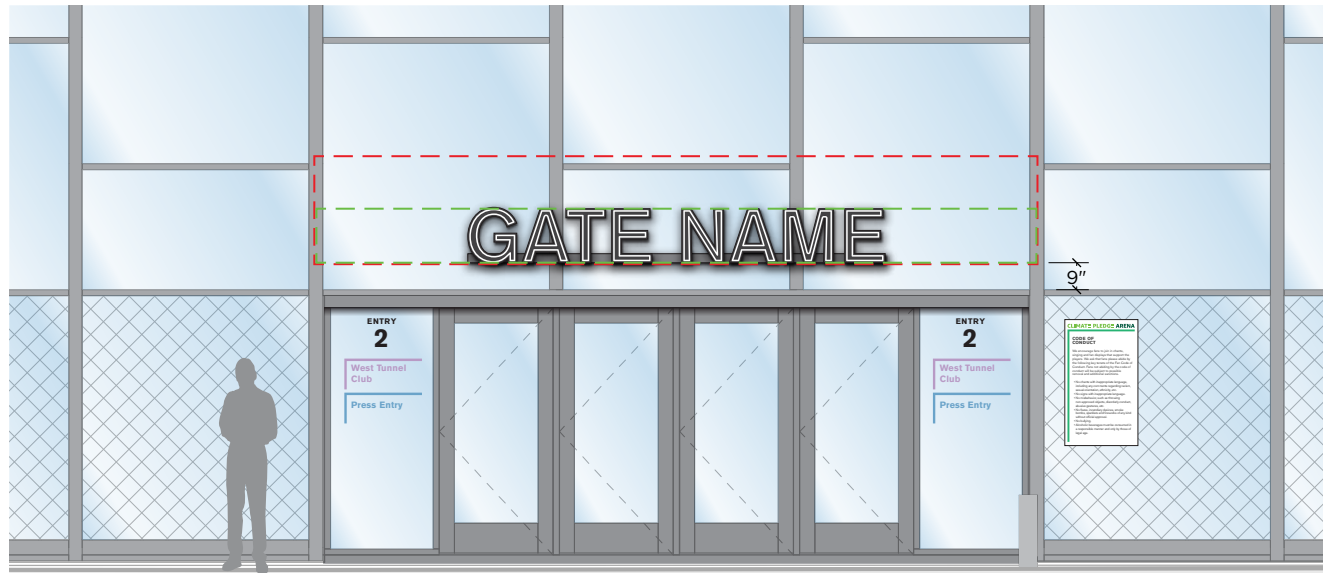
**D** LETTER DETAIL  
SCALE: 1"=1'-0"



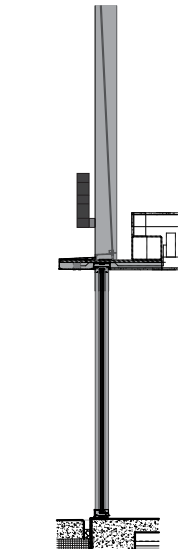
**E** LETTER SECTION  
SCALE: 1"=1'-0"



**C** SECTION DETAIL  
SCALE: 1/2"=1'-0"

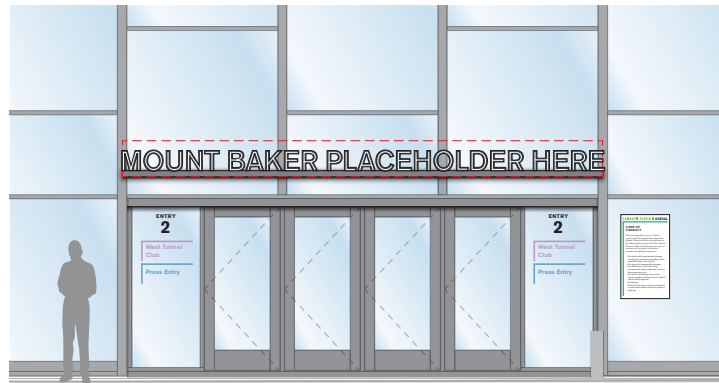


**F** CONTEXT ELEVATION  
SCALE: 3/16"=1'-0"



**G** SECTION  
SCALE: 3/16"=1'-0"

ILLUSTRATION SHOWS MAXIMUM SIGN MESSAGE FOR CONTEXT, CAP HEIGHT SCALED PROPORTIONALLY TO ACCOMMODATE LENGTH OF SIGNAGE



**H** ALTERNATE CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"



DRAWING NOTES:

- OPEN FACE CHANNEL LETTERS
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all surfaces with metallic gray finish
  - Letters are to be mechanically attached to mounting tube raceway
  - Raceway to be mechanically attached to existing mullions
- FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8" width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE RACEWAY AND HARDWARE FOR MOUNTING TO MULLIONS

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

ALL STRUCTURAL ATTACHMENT FASTENING TO BE TUBE TO BE WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS AND HARDWARE SHOWN FOR MOUNTING TUBE TO MULLIONS

WORDS USED IN IMAGES ARE PLACEHOLDERS. THESE IMAGES ILLUSTRATE LOCATION, COMPOSITION, FONT, AND OVERALL MAXIMUM DIMENSIONS OF PROPOSED SIGNAGE. ACTUAL SPONSOR NAME PENDING CONFIRMATION OF SPONSORS

**BASE BID TO INCLUDE PRICING ON (8) LETTERS AT 18" CAP HEIGHT; FABRICATOR TO PROVIDE ALTERNATE PRICING BASED ON (25) LETTER AT 10" CAP HEIGHT**

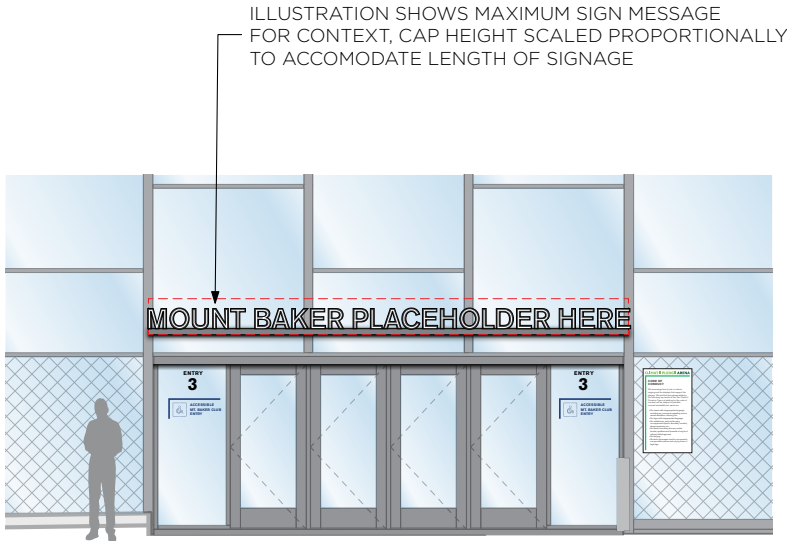
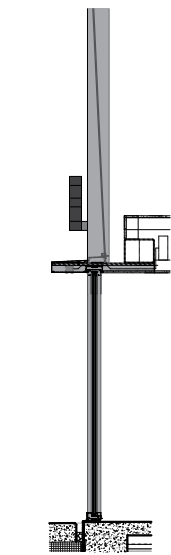
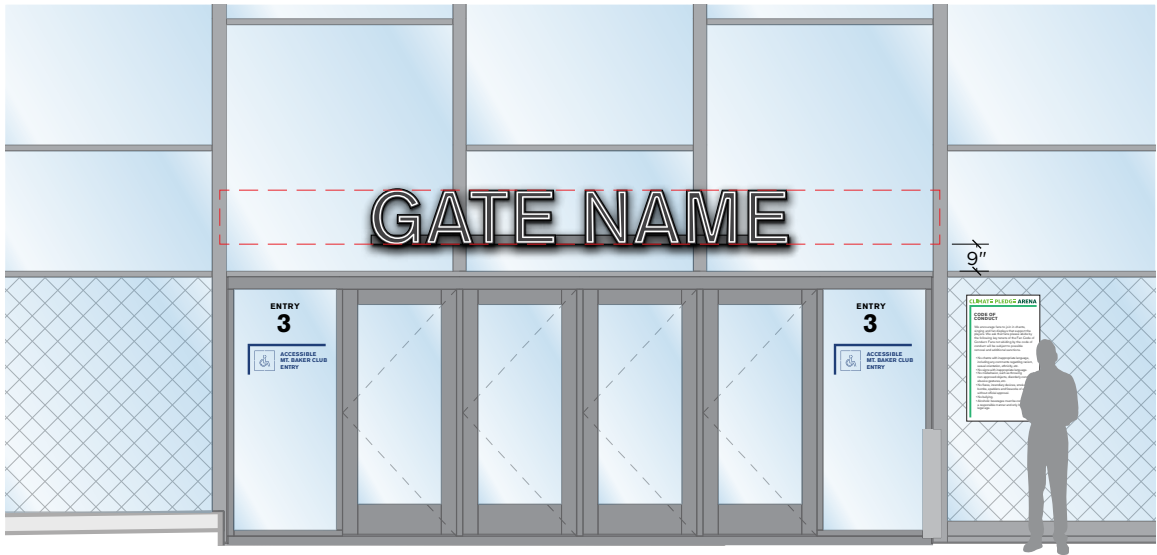
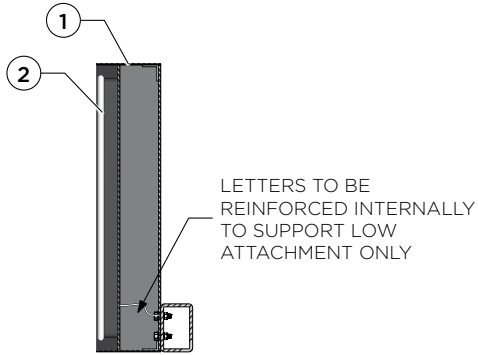
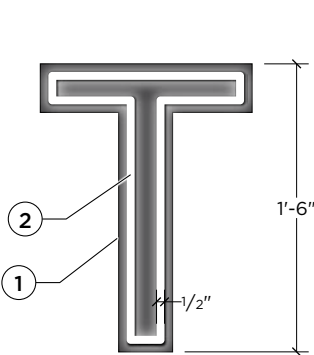
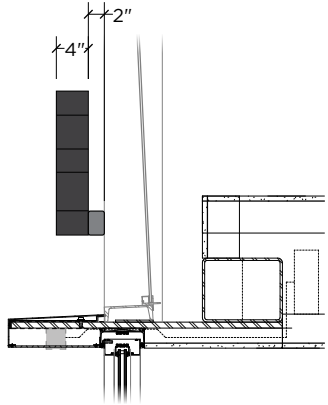
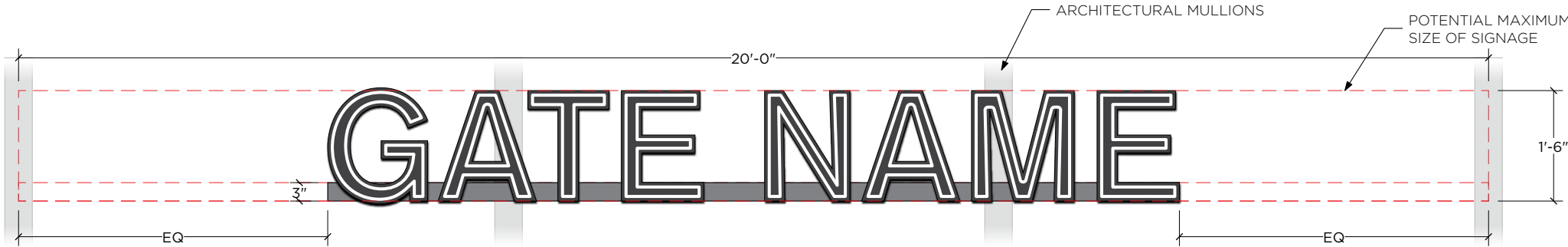
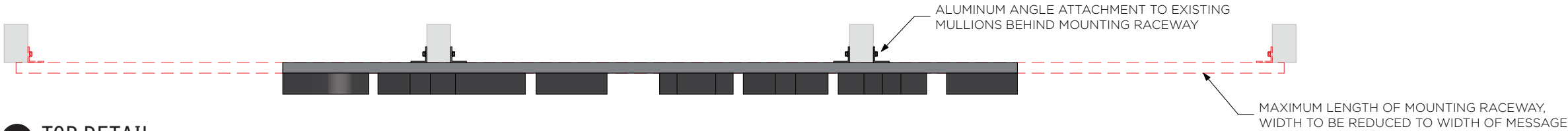
CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

F7 - Entry ID

West Historic Building - Entry 3



**G** CONTEXT ELEVATION  
SCALE: 3/16"=1'-0"

**H** SECTION  
SCALE: 3/16"=1'-0"

**I** ALTERNATE CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"







DRAWING NOTES:

- OPEN FACE CHANNEL LETTERS
  - Welded aluminum construction
  - Mid-panel for faux neon tubing to be 1 5/16" inset from face of open channel
  - Tack welds to be concealed on interior of channel letter
  - Joint at back panel to be filled/caulked (prior to paint) to prevent light leak.
  - Back panel to be removable via screws for accessing internal mounting hardware and chasing wiring
  - Paint all surfaces with metallic gray finish
  - Letters are to be mechanically attached to precast concrete wall with 4 1/2" standoffs passing through Greenscreen mesh wall system
  - Secondary wiring to be in electrical pass-thrus into precast wall or through slim raceway concealed behind Greenscreen mesh
- FAUX NEON RESIN TUBING
  - 1-1/4" depth x 5/8 width, with 1/2" exposed acrylic resin face with 250° illumination
  - Acrylic to be Bitro Milky White
  - Fully eased edges creating round polished face
  - Returns to have gray metallic finish
  - White LED illumination, 5000k temperature
  - Mechanically attached to mid-plane of channel letter
  - Basis of Design: Bitro Resno: RS-AC-N2

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

LED LIGHTING TO BE DIFFUSED AND EVEN, NO VISIBLE HOTSPOTS OR COLDSPOTS

FABRICATOR TO PROVIDE RACEWAY AND HARDWARE FOR MOUNTING TO MULLIONS

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

ALL STRUCTURAL ATTACHMENT FASTENING TO BE CONCEALED WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS

WORDS USED IN IMAGES ARE PLACEHOLDERS. THESE IMAGES ILLUSTRATE LOCATION, COMPOSITION, FONT, AND OVERALL MAXIMUM DIMENSIONS OF PROPOSED SIGNAGE. ACTUAL SPONSOR NAME PENDING CONFIRMATION OF SPONSORS

**BASE BID TO INCLUDE PRICING ON (8) LETTERS AT 18" CAP HEIGHT; FABRICATOR TO PROVIDE ALTERNATE PRICING BASED ON (25) LETTER AT 10" CAP HEIGHT**

CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

revisions:

F8 - Entry ID

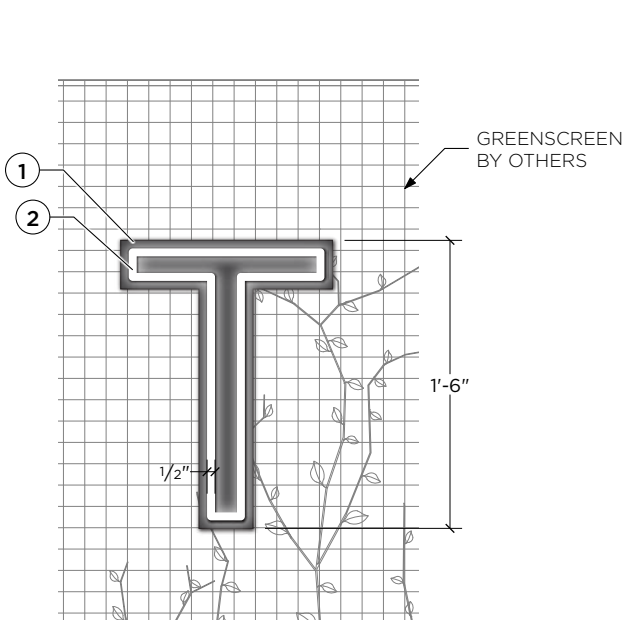
NW Snorkel - Entry 4

sheet:

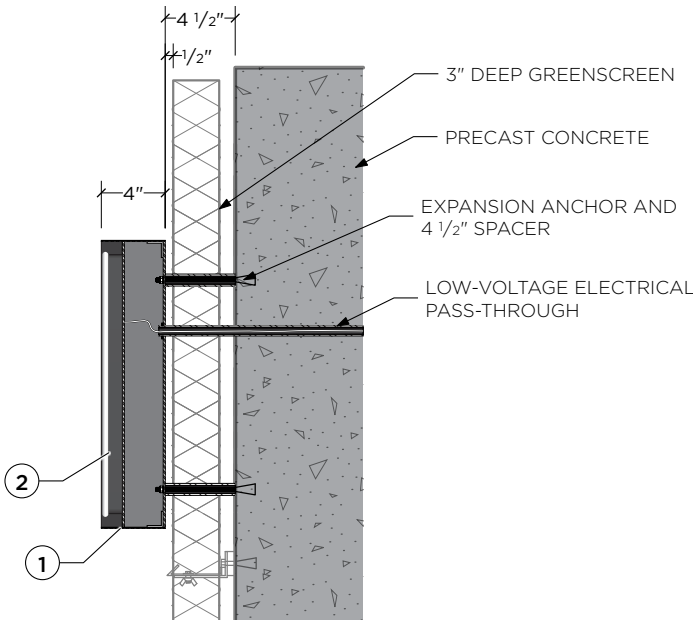
G.34.0



**A** FRONT DETAIL  
SCALE: 1/2"=1'-0"



**C** LETTER DETAIL  
SCALE: 1"=1'-0"



**D** LETTER SECTION  
SCALE: 1"=1'-0"

**B** SIDE DETAIL  
SCALE: 1/2"=1'-0"

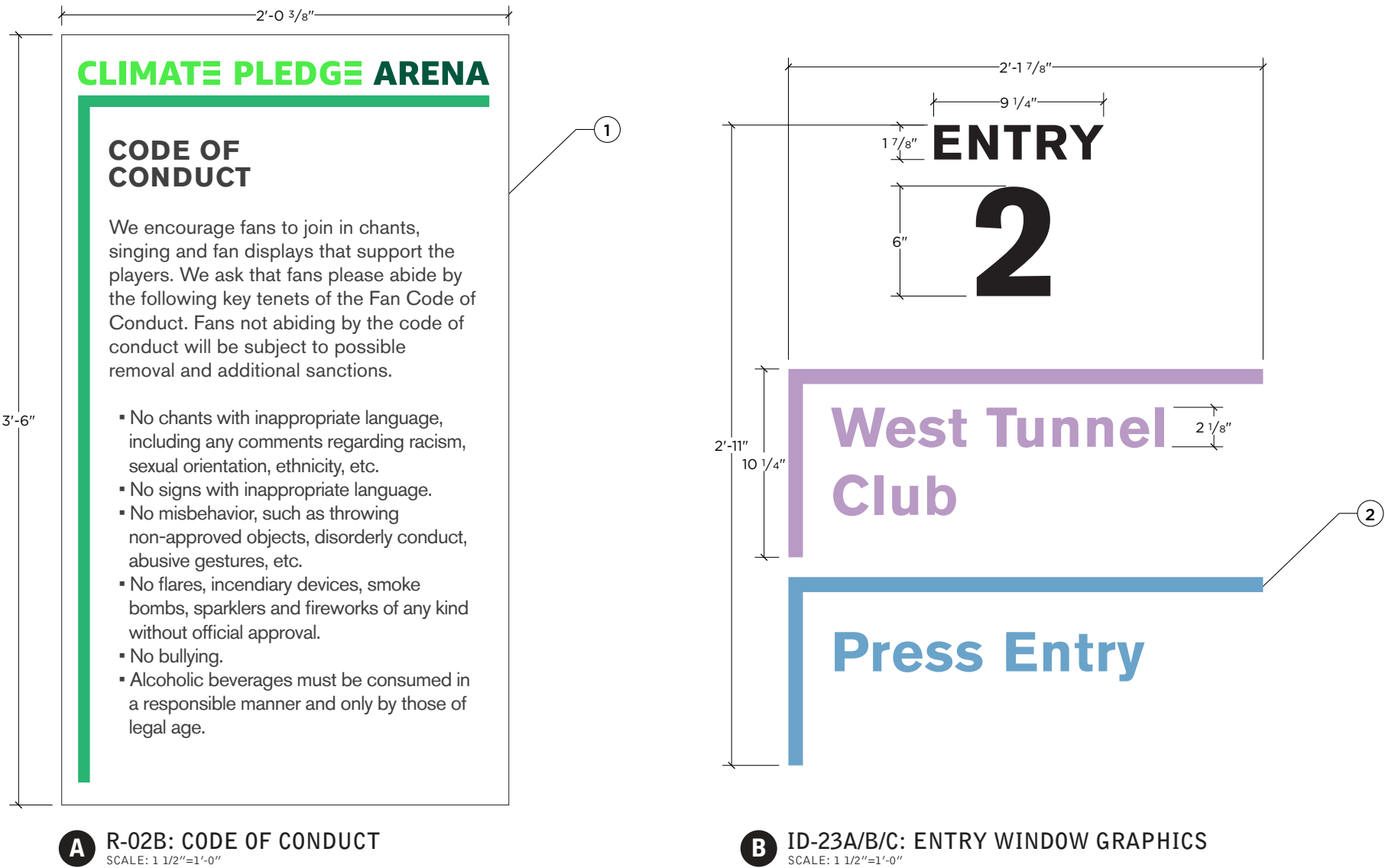


**E** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"









DRAWING NOTES:

- VINYL GRAPHICS
  - Printed on 3M controltac 180mC-10
  - 1st surface application
  - Gray 3M scotchcal to applied to backside to mask from back view
- PRINTED CUT VINYL
  - Printed on 3M controltac 180mC-10, with negative space removed
  - 1st surface application

ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

DRAWING IS FOR **CONSTRUCTION INTENT**. ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

WORDS USED IN IMAGES ARE PLACEHOLDERS. THESE IMAGES ILLUSTRATE COMPOSITION, FONT SIZE, AND OVERALL MAXIMUM DIMENSIONS OF PROPOSED SIGNAGE. ACTUAL WORDS PENDING CONFIRMATION

**CLIMATE PLEDGE ARENA**  
Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

Entry Window Graphics  
R-02B & ID-23A/B/C



DRAWING NOTES:



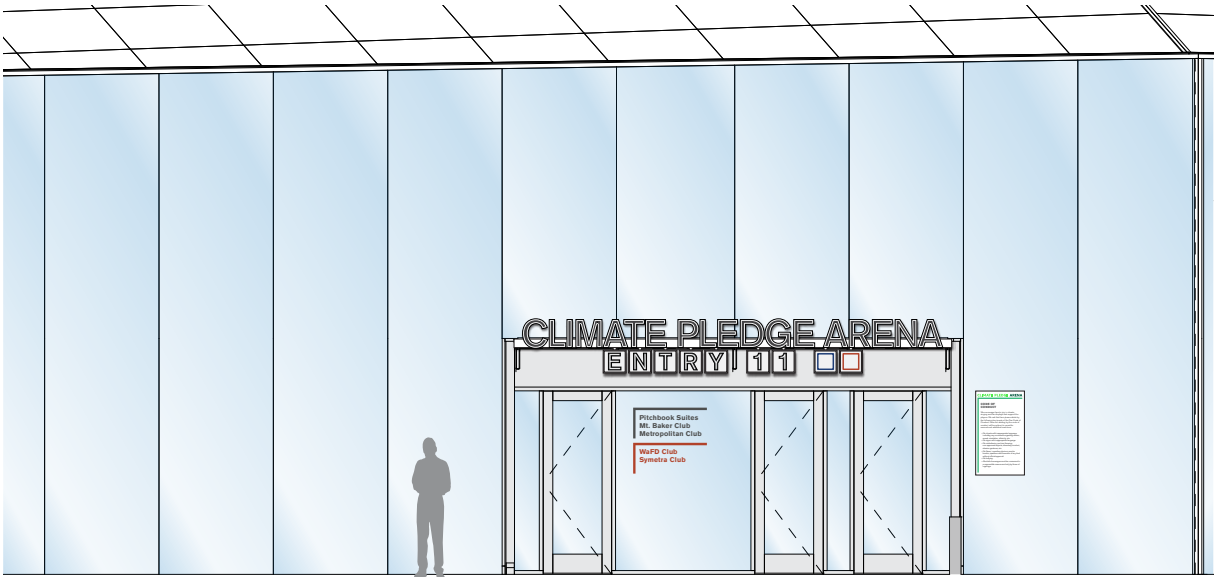
**A** F1: ENTRY ID - WEST ATRIUM

SCALE: 1/8"=1'-0"



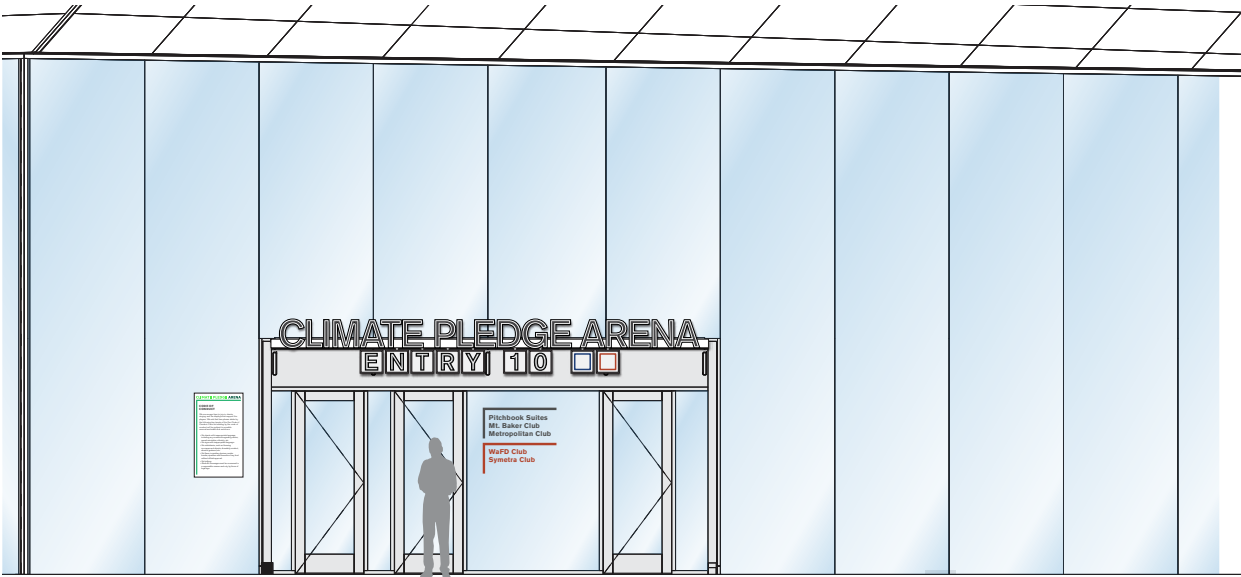
**B** F2: ENTRY ID - EAST ATRIUM

SCALE: 1/8"=1'-0"



**C** F4: ENTRY ID - SOUTH ATRIUM 2

SCALE: 1/8"=1'-0"



**C** F3: ENTRY ID - SOUTH ATRIUM 1

SCALE: 1/8"=1'-0"

CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

revisions:

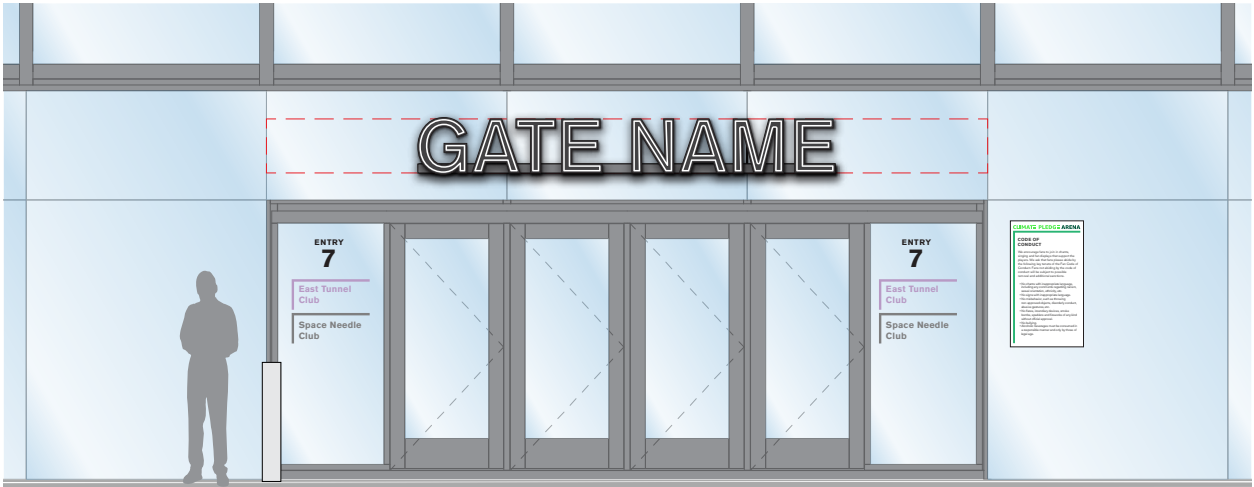
Entry Window Graphics  
R-02B & ID-23A/B/C

sheet:

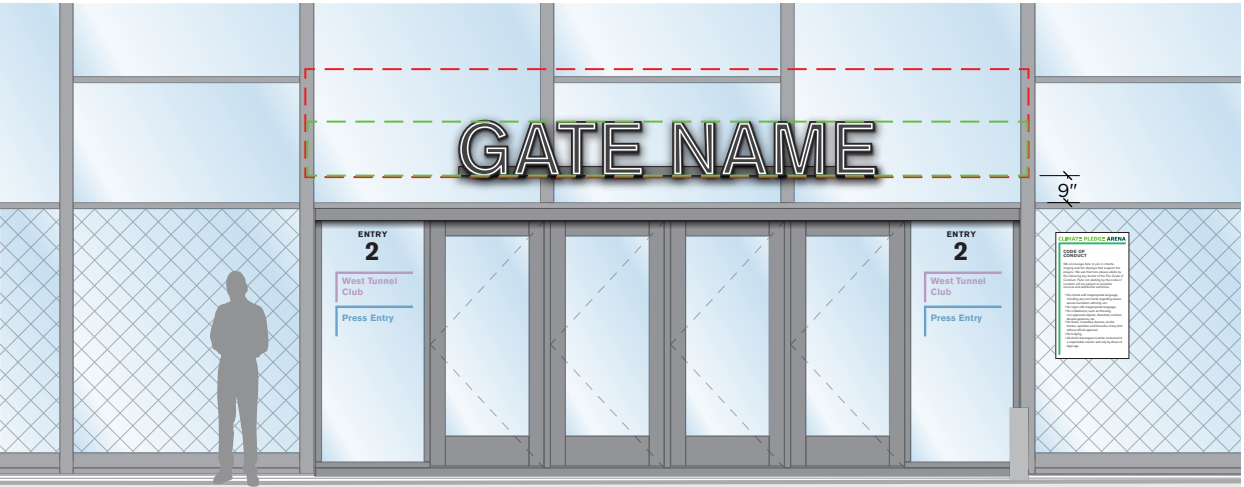
G.37.0



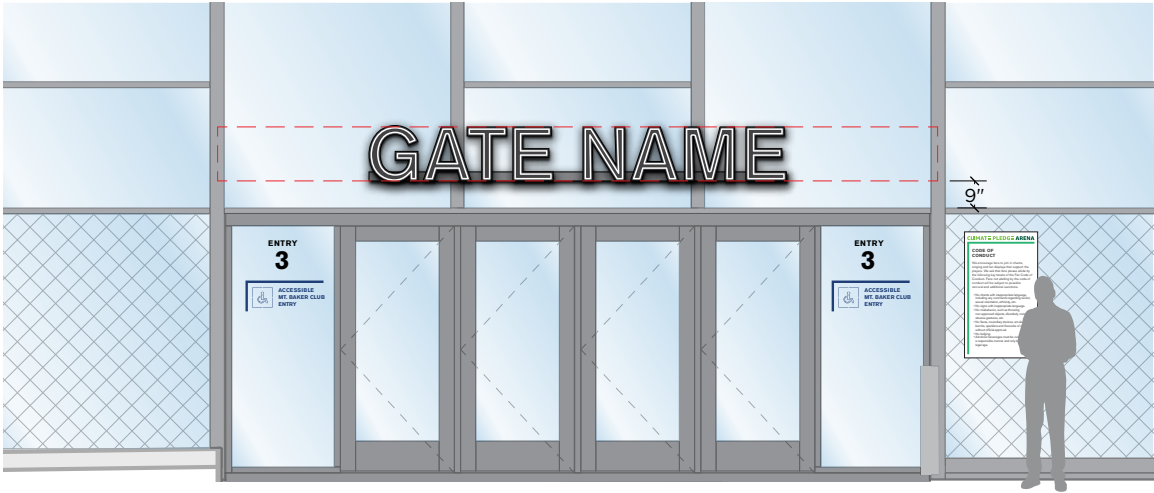
DRAWING NOTES:



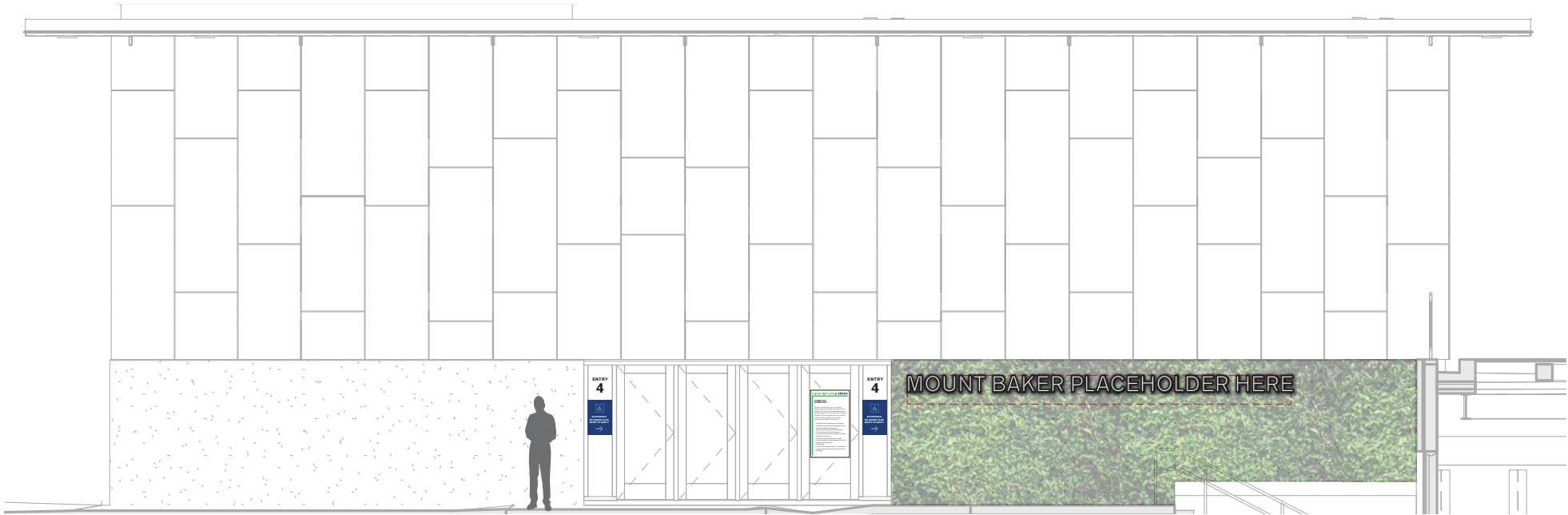
**E** F5: ENTRY ID - EAST HISTORIC BUILDING  
SCALE: 3/16"=1'-0"



**F** F6: ENTRY ID - WEST HISTORIC BUILDING 1  
SCALE: 3/16"=1'-0"



**G** F7: ENTRY ID - WEST HISTORIC BUILDING 2  
SCALE: 3/16"=1'-0"



**H** F8: ENTRY ID - NW SNORKEL  
SCALE: 1/8"=1'-0"

**CLIMATE PLEDGE ARENA**  
Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

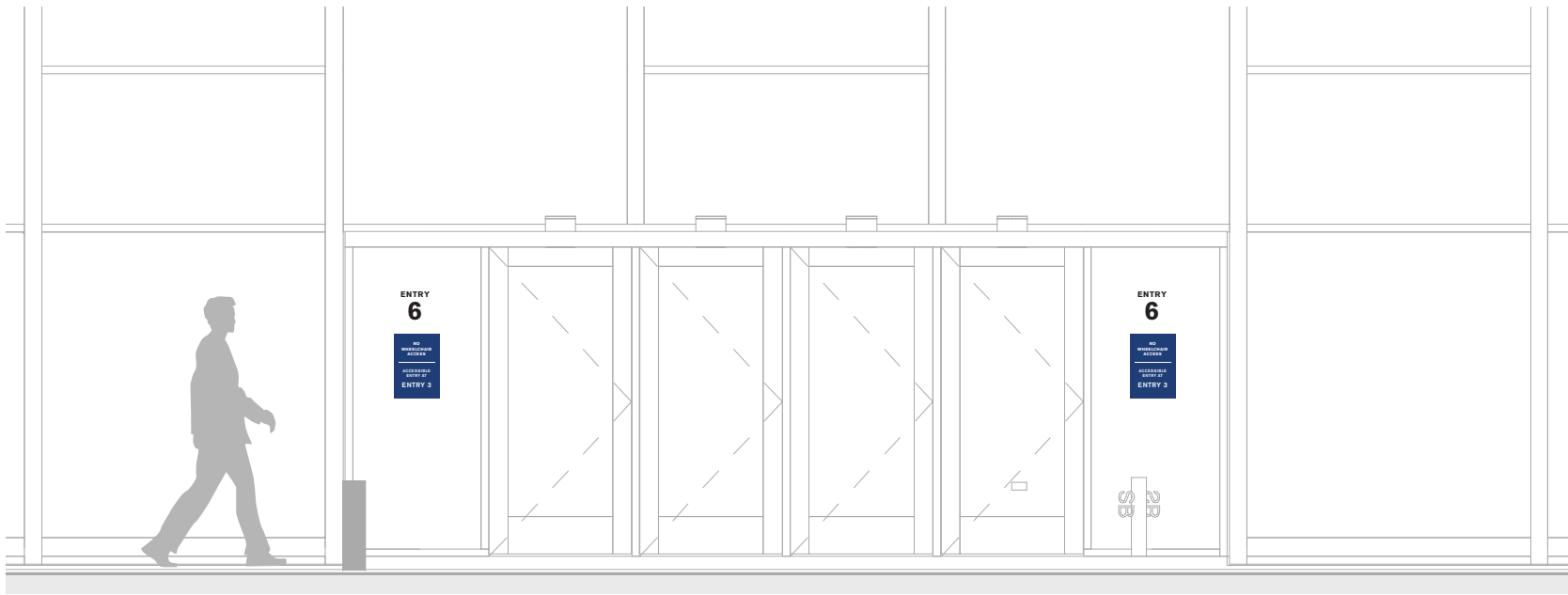
Entry Window Graphics  
R-02B & ID-23A/B/C



DRAWING NOTES:



**I** NE SNORKEL BUILDING  
SCALE: 1/4"=1'-0"

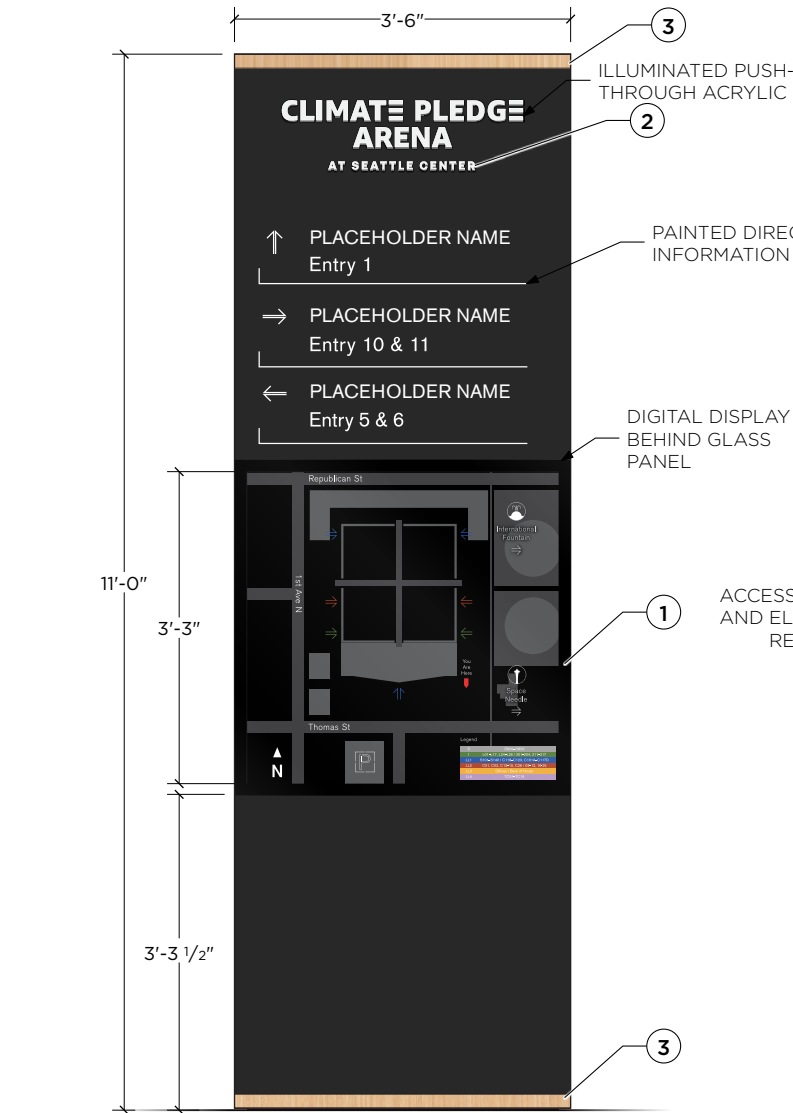


**J** NORTHEAST HISTORIC BUILDING  
SCALE: 1/4"=1'-0"

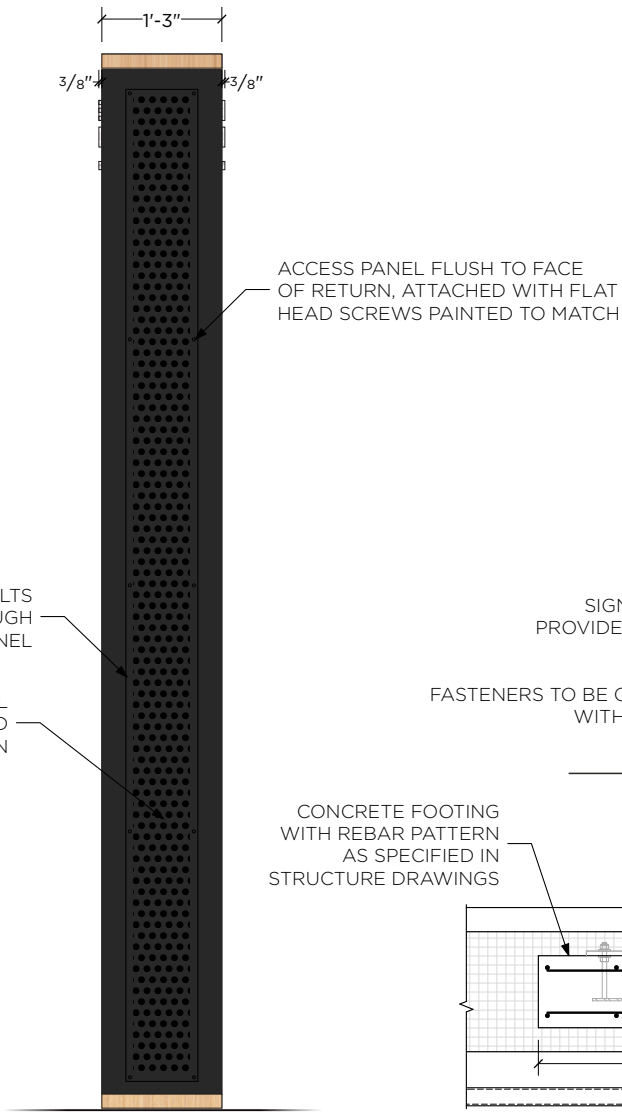
**CLIMATE PLEDGE ARENA**  
Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020  
revisions:

Entry Window Graphics  
R-02B & ID-23A/B/C

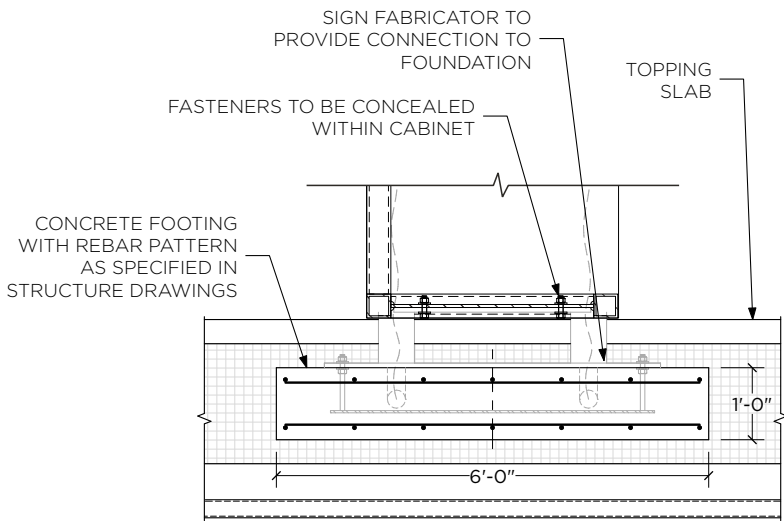




**A FRONT/BACK DETAIL**  
SCALE: 1/2"=1'-0"



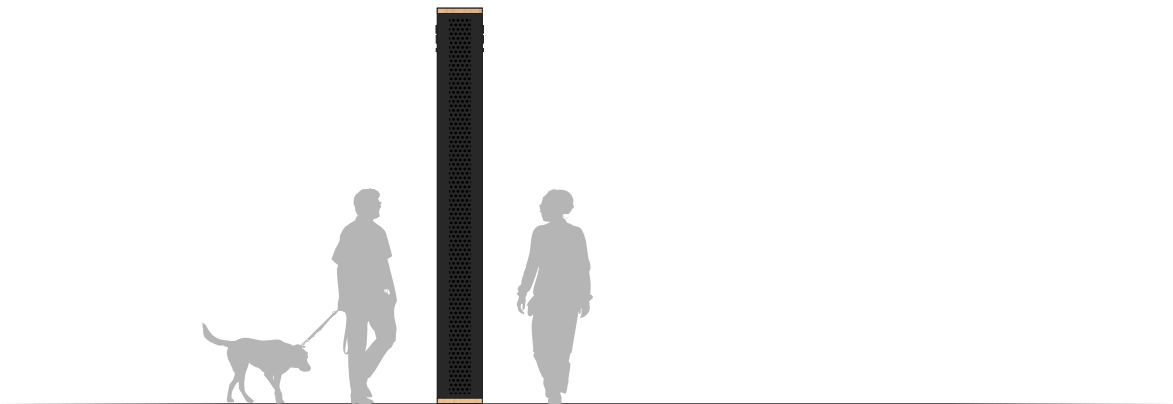
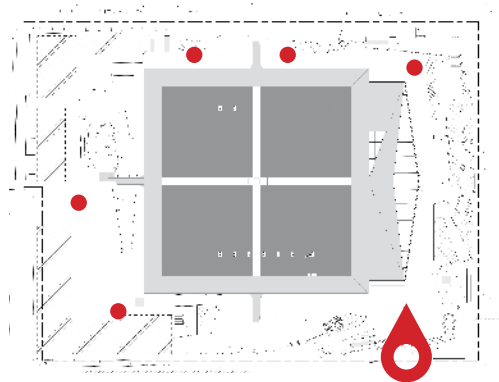
**B SIDE DETAIL**  
SCALE: 1/2"=1'-0"



**C ATTACHMENT SECTION**  
SCALE: 3/8"=1'-0"



**C ISO**  
SCALE: 1/2"=1'-0"



**D CONTEXT ELEVATION**  
SCALE: 3/16"=1'-0"

# POPULOUS®

4800 Main Street | Suite 300 | Kansas City, MO 64112  
Main: (816) 221-1500 | Fax: (816) 221-1578

## DRAWING NOTES:

- LED DISPLAY CABINET**
  - Tube framed welded aluminum cabinet with perforated side panels for ventilation
  - 1/8" minimum thickness on all face panels
  - All visible surfaces to be painted matte black
  - Directional information to be painted white
  - LED Basis of Design: Daktronics LED Outdoor Display, 2.5mm - **LED boards have been purchased; fabricator not to include LED boards' cost in pricing bid**
  - LED to be front serviced
  - Removable tempered and laminate glass lens to affixed in front of LED display
  - Glass panel to have aluminum angle epoxied to backside for mechanical attachment, removable for front servicing
  - Glass panel to be back-painted black to create bezel for to cover perimeter of attachment
  - Assembly to be mechanically attached to concrete foundation with concealed fasteners
  - Access to fastener to be through removable side panel door, attached with flat head screws
- POWDER-COATED GRAPHICS**
  - Digitally printed custom wood graphic trim sublimated under clear powder coat
  - Applied along all four faces at top & bottom and applied to full top surface
  - Printed on 1/16" thick aluminum, with graphic wrapping returns
  - Basis of Design: Direct Embed Graphics
  - Epoxied flush to cabinet faces
- PUSH-THROUGH LETTERING**
  - Clear acrylic push-through to be 3/8" proud of cabinet face
  - Polished face and sanded returns
  - 2nd surface to have 3M white diffuser
  - Mechanically attached to interior face of cabinet with nut connection
  - White LEDs: Bitro OpticsPro Plus 5000k

## ADDITIONAL REQUIREMENTS:

FABRICATOR TO COORDINATE ATTACHMENT DESIGN WITH G.C. AND PROVIDE STAMPED DRAWINGS BY LICENSED ENGINEER

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

ALL STRUCTURAL ATTACHMENT FASTENING TO BE CONCEALED WITHIN CABINET; NO FASTENERS ALLOWED THROUGH FACE; ACCESS PANEL HARDWARE TO BE FLAT-HEAD SECURITY SCREWS

## CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

## H - Pedestrian Directional

sheet:

G.40.0

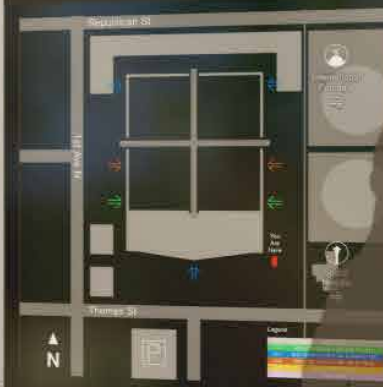




ALASKA AIRLINES ATRIUM  
ENTRY 1

CLIMATE PLEDGE  
ARENA  
AT SEATTLE CENTER

- ↑ PLACEHOLDER NAME  
Entry 1
- PLACEHOLDER NAME  
Entry 10 & 11
- ← PLACEHOLDER NAME  
Entry 5 & 6





1. ILLUMINATED LETTERS
  - Aluminum construction for back and returns
  - Letters backs and returns are to be cut away allowing 1" deep raceway to recess into letters
  - Letters to be removable by removing front pan raceway, and accessing flat head screws through back panel
  - Returns to be painted TBD color
  - Bitro IcyWhite acrylic, 1/8" protrusion
  - White LED illumination Bitro Tracer 5000k
  - Basis of Design: Bitro Resno RS-AC-F2
  - Letters are to have concealed mechanical attachment to raceway cover

- Welded aluminum construction, tacked welded from interior
- 1/8" thick aluminum on face, .090 thick aluminum returns
- Face and returns to be painted TBD color
- Mechanically attach flush to precast surface with internal mounting angle
- Flat head screws through top and side returns to be painted to match

- High density polyethylene impact resistant tube
- Capped on both ends
- Tube to have divided paint pattern, yellow on bottom, white on top (as illustrated)
- Copy to be digitally masked and painted black
- All surfaces to receive protective satin clearcoat
- Mechanically attach to precast ceiling with clear plastic coated stainless steel cable and eyebolt hardware

- Aluminum brake-formed cabinet per line
- Two piece pan design, pan attaching to wall to cover junction box and mechanically attach to concrete wall
- PS to be housed in box, primary voltage and low voltage connection to be made within
- All visible surface to receive rough sandblasted finish for matte finish to blend with concrete
- Front pan to be attached with flat head screws in matching finish

WORDS AND COLORS USED IN IMAGES ARE PLACEHOLDERS.  
THESE IMAGES ILLUSTRATE COMPOSITION, FONT SIZE, AND  
OVERALL MAXIMUM DIMENSIONS OF PROPOSED SIGNAGE.  
ACTUAL WORDS, COLORS, AND SPONSOR NAME PENDING  
CONFIRMATION OF SPONSOR

**BASE BID TO INCLUDE PRICING ON (10) LETTERS AT 10 3/8" CAP HEIGHT AND (8) LETTERS AT 7 3/16" CAP HEIGHT; FABRICATOR TO PROVIDE ALTERNATE PRICING BASED ON (33) LETTER AT 8" CAP HEIGHT**

revisions:

sheet:

Technical drawing of a garage entrance sign and clearance marker. The drawing includes dimensions and callouts for various components.

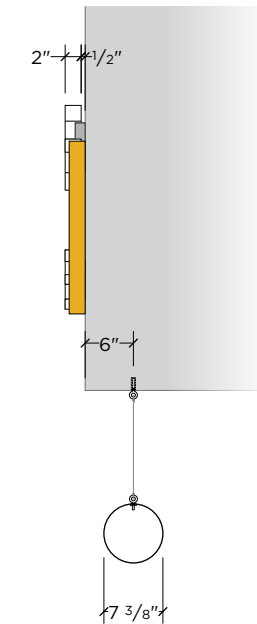
**Sign Dimensions and Components:**

- Overall Width:** 14'-7"
- Overall Height:** 2'-1 1/2"
- Top Section:** 14'-7" wide, 7 7/8" high. Contains the text "GARAGE NAME" in large, outlined letters. Callout 1 points to the letters.
- Bottom Section:** 14'-7" wide, 7 3/16" high. Contains the text "ENTRANCE" in large, outlined letters. Callout 1 points to the letters.
- Side Sections:** 2'-1" wide, 1'-9" high. Callout 2 points to the side sections.
- EQ:** Equalized sections on the top and bottom.
- Callout 1:** Points to the "GARAGE NAME" and "ENTRANCE" text.
- Callout 2:** Points to the side sections.

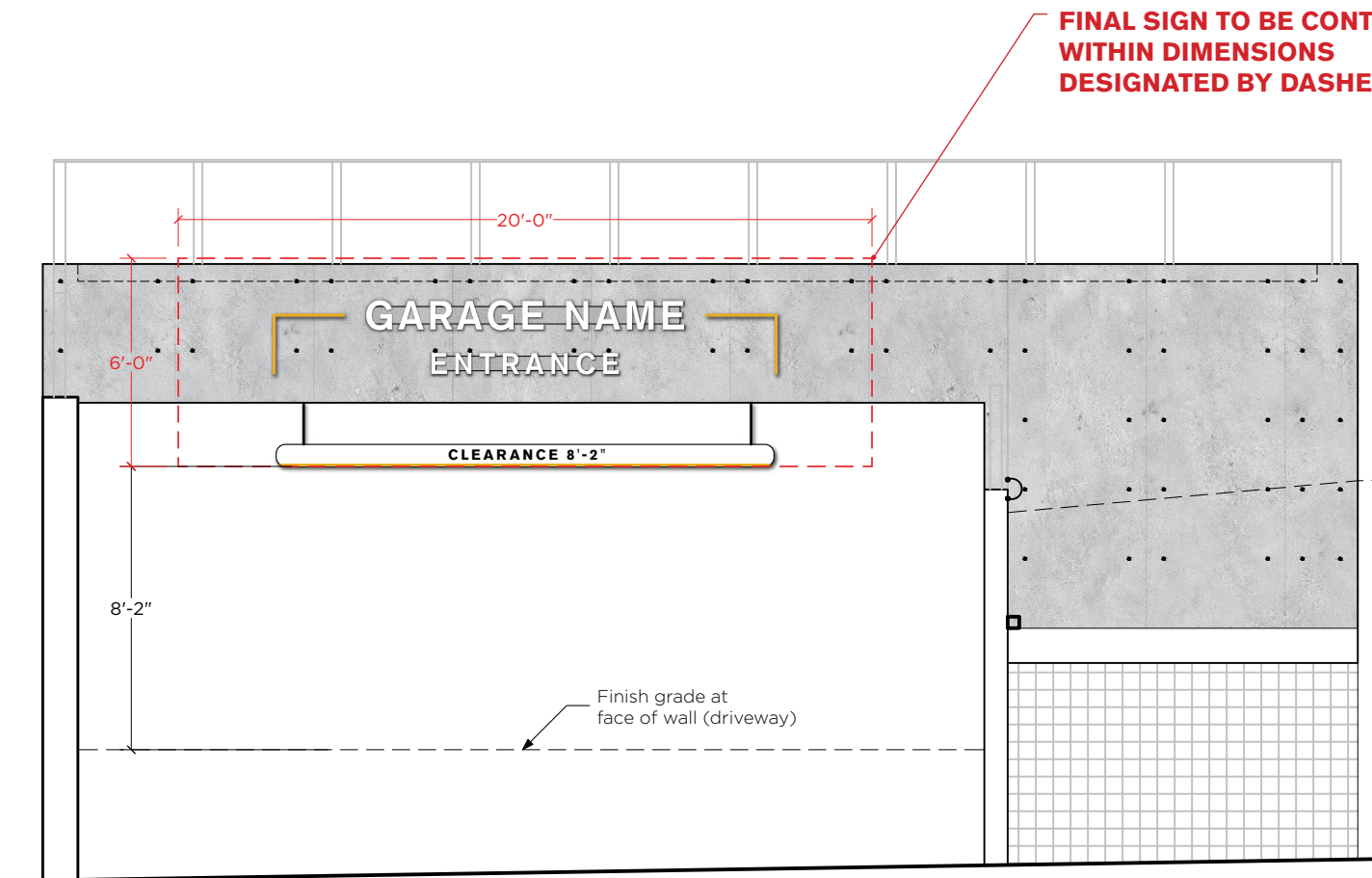
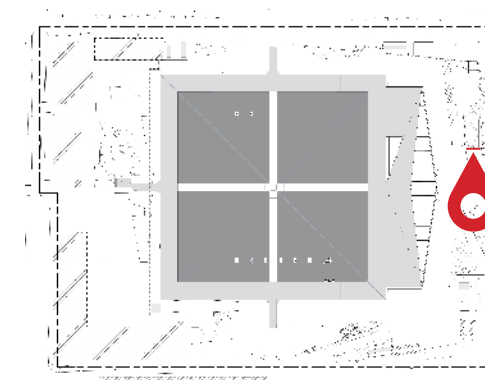
**Clearance Marker Dimensions and Components:**

- Overall Width:** 14'-4"
- Overall Height:** 8'-2"
- Callout 3:** Points to the clearance marker.

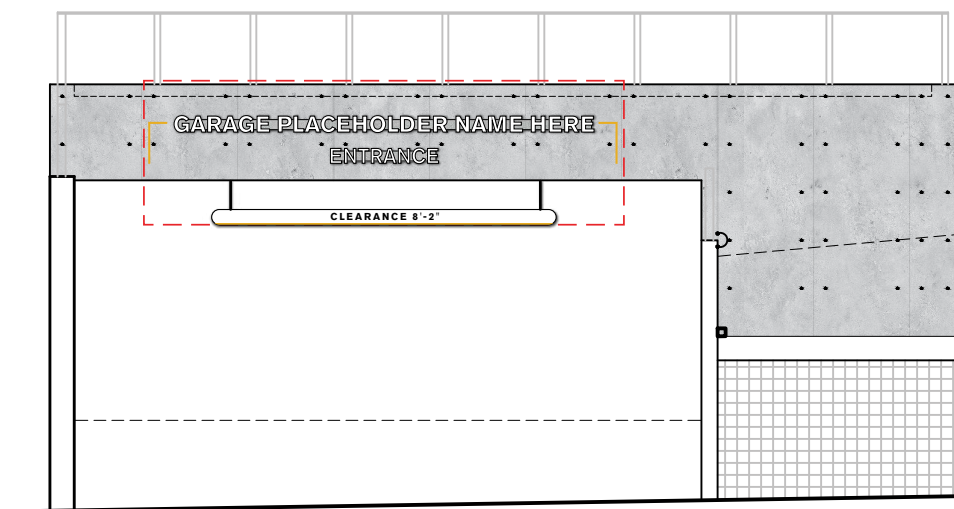
SCALE: 1/2"=1'-0"



SCALE: 1/2"=1'-0"



SCALE: 3/16"=1'-0"



SCALE: 1/8"=1'-0"



DRAWING NOTES:

- LED DISPLAY CABINET
  - Tube framed welded aluminum cabinet with perforated side panels for ventilation
  - 1/8" minimum thickness on all face panels
  - All visible surfaces to be painted matte black
  - LED Basis of Design: Daktronics Outdoor Display JVX Series 3.9mm - **LED boards are not provided; fabricator to include LED boards' cost in pricing bid**
  - LED to be front serviced
  - Removable tempered and laminate glass lens to affixed in front of LED display
  - Glass panel to have aluminum angle epoxied to backside for mechanical attachment, removable for front servicing
  - Glass panel to be back-painted black to create bezel for to cover perimeter of attachment
  - Assembly to be mechanically attached to concrete foundation with concealed fasteners
  - Access to fastener to be through removable side panel door, attached with flat head screws
- POWDER-COATED GRAPHICS
  - Digitally printed custom wood graphic trim sublimated under clear powder coat
  - Applied along all four faces at top & and bottom and applied to full top surface
  - Printed on 1/16" thick aluminum, with graphic wrapping returns
  - Basis of Design: Direct Embed Graphics
  - Epoxied flush to cabinet faces
- PUSH-THROUGH LETTERING
  - Clear acrylic push-through; Arena Sponsor to be 3/8" proud of cabinet face, Garage name to be flush with face
  - Polished face and sanded returns
  - 2nd surface to have 3M white diffuser
  - Mechanically attached to interior face of cabinet with nut connection
  - White LEDs: Bitro OpticsPro Plus 5000K

ADDITIONAL REQUIREMENTS:

FABRICATOR TO COORDINATE ATTACHMENT DESIGN WITH G.C. AND PROVIDE STAMPED DRAWINGS BY LICENSED ENGINEER

DRAWING IS FOR **CONSTRUCTION INTENT**. ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

ALL STRUCTURAL ATTACHMENT FASTENING TO BE CONCEALED WITHIN CABINET; NO FASTENERS ALLOWED THROUGH FACE; ACCESS PANEL HARDWARE TO BE FLAT-HEAD SECURITY SCREWS

CLIMATE PLEDGE ARENA

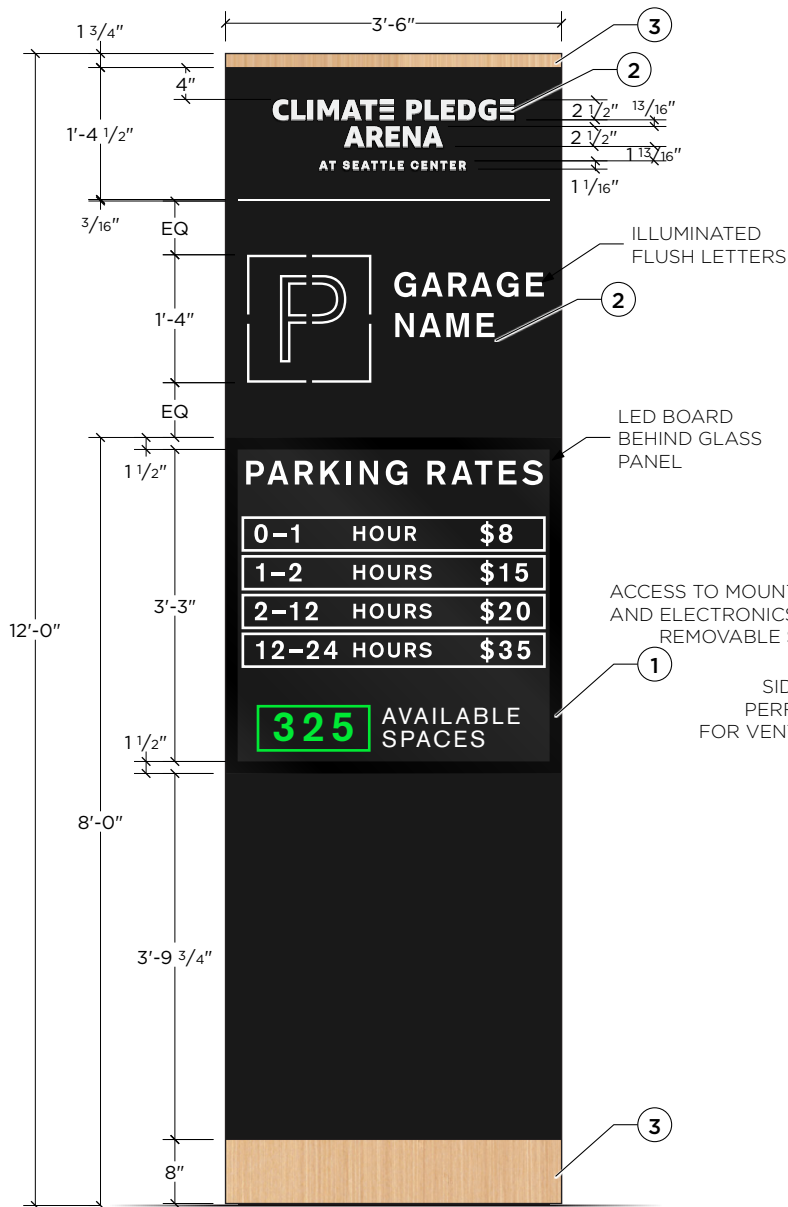
Project Number: 17.4538

Phase: CONSTRUCTION

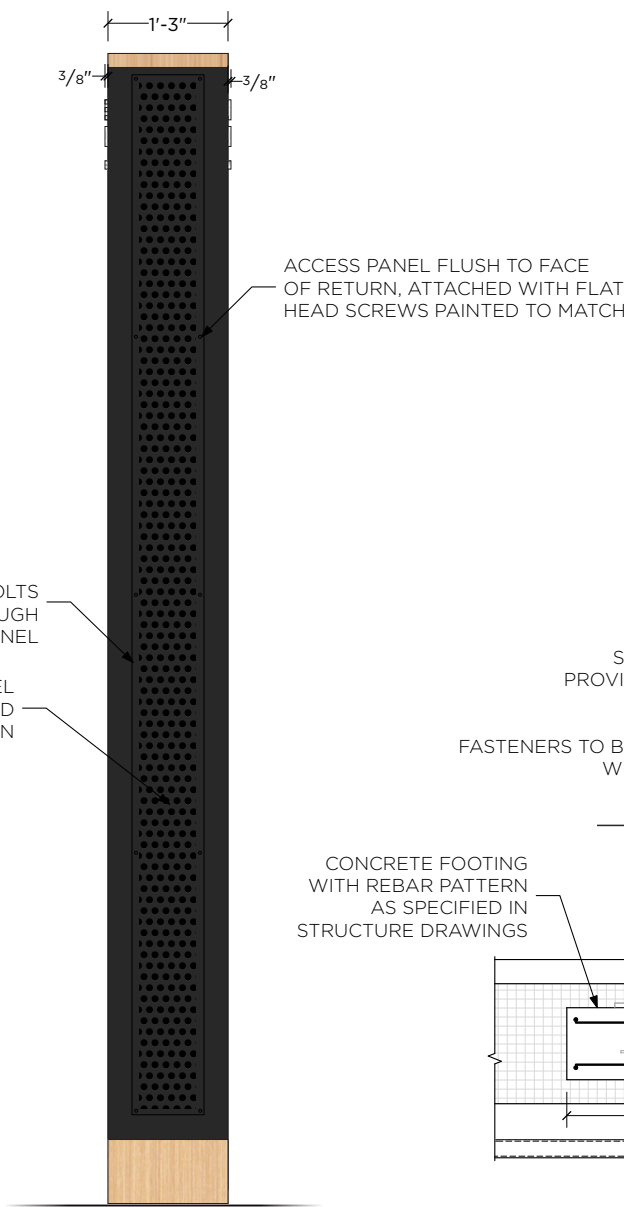
Date: 12.4.2020

revisions:

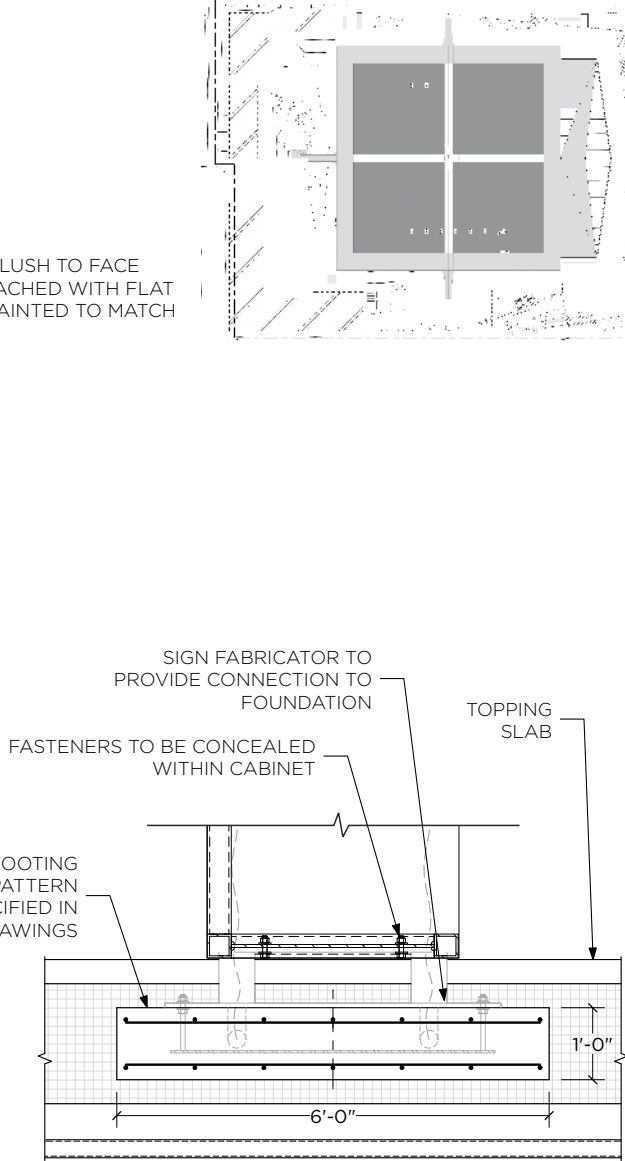
P - Parking Garage Pylon



A FRONT/BACK DETAIL  
SCALE: 1/2"=1'-0"



B SIDE DETAIL  
SCALE: 1/2"=1'-0"



C ATTACHMENT SECTION  
SCALE: 3/8"=1'-0"



C ISO  
SCALE: 1/2"=1'-0"



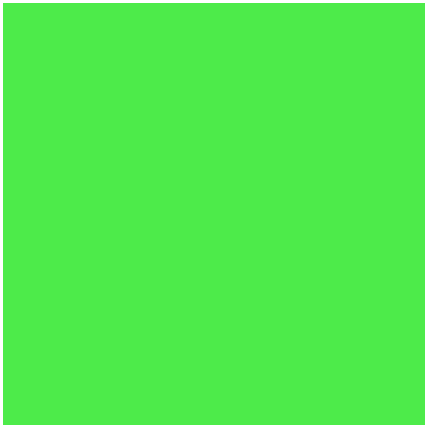
D CONTEXT ELEVATION  
SCALE: 3/16"=1'-0"







DRAWING NOTES:



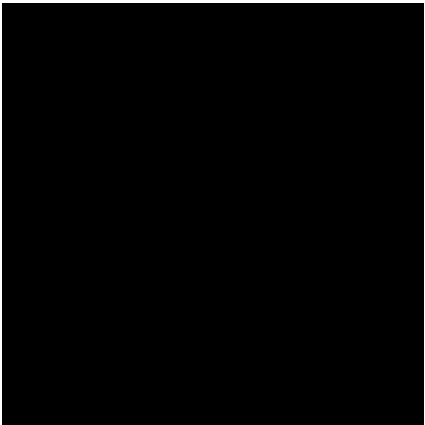
PMS 2270 C



PMS 7683 C



PMS 7599 C



Black



Bright Aluminum

Acrylic Colors



Paint to match PMS Cool Gray 10 C

Paint Colors



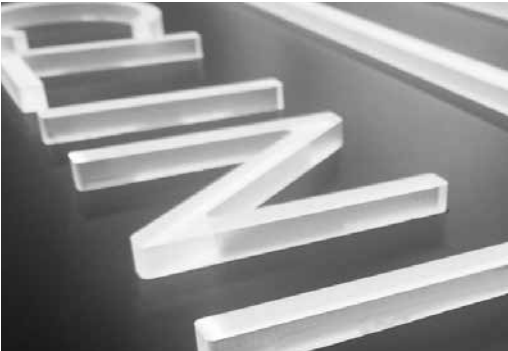
Direct Embed Douglas Fir

Faux Wood Finish



3M IJ180CV3 Controltac

Vinyl Graphics



Push-through Acrylic Lettering



Tube Detail Photo



Illuminated / Non-illuminated Example



Faux Neon Resin Tubing housed in an open face channel letter

Faux Neon Resin Tubing: Bitro Resno RS-AC-N2



Cabinet Sign Reference Image

CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

Wayfinding Signage  
Finishes/Materials/Colors



# **Naming Rights**

## Signage

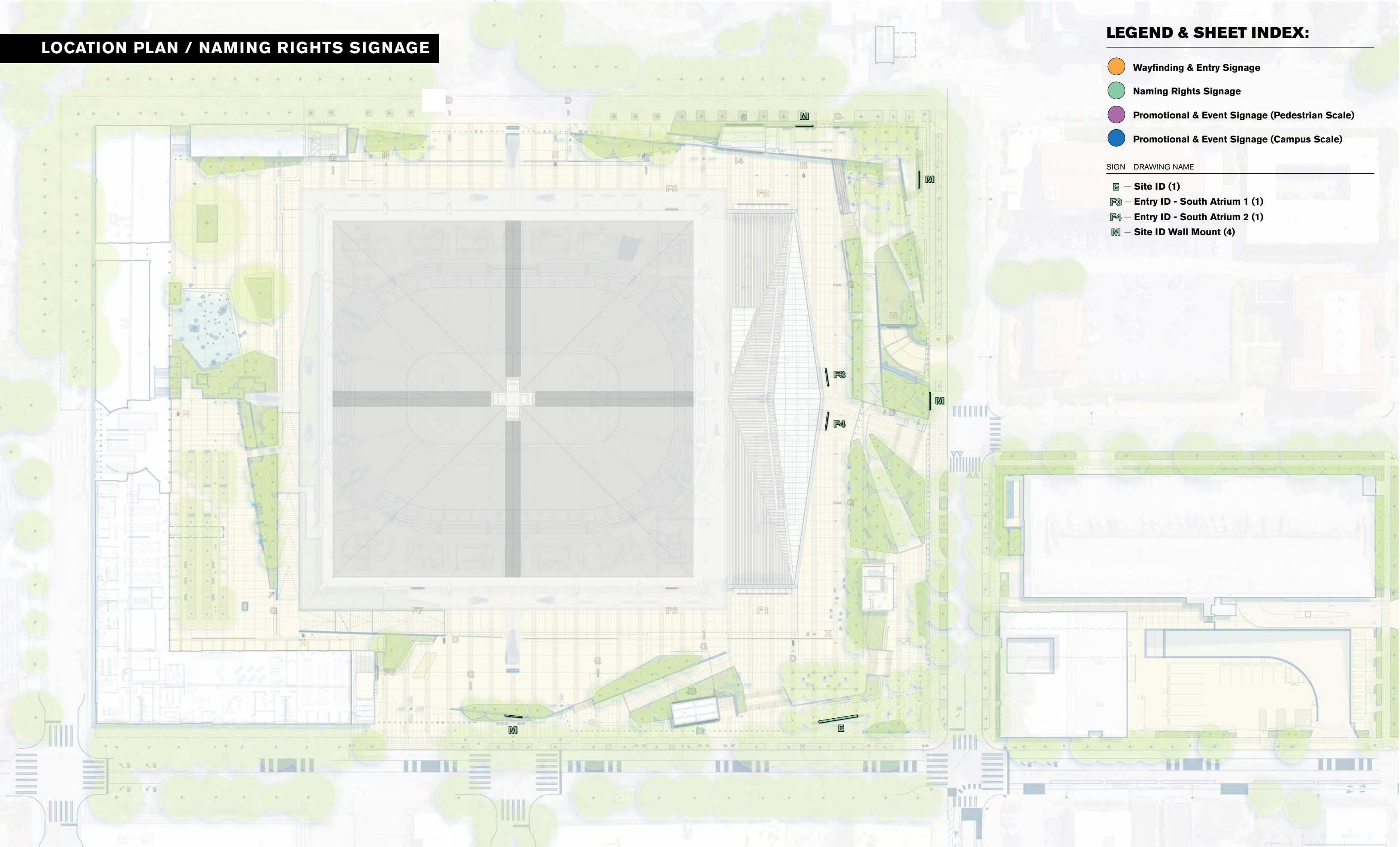


LOCATION PLAN / NAMING RIGHTS SIGNAGE

LEGEND & SHEET INDEX:

- Wayfinding & Entry Signage
- Naming Rights Signage
- Promotional & Event Signage (Pedestrian Scale)
- Promotional & Event Signage (Campus Scale)

SIGN	DRAWING NAME
E	Site ID (1)
F3	Entry ID - South Atrium 1 (1)
F4	Entry ID - South Atrium 2 (1)
M	Site ID Wall Mount (4)





DRAWING NOTES:

1. REVERSE CHANNEL LETTERS
  - Welded aluminum construction with face cut for push through acrylic
  - Each letter to be channel formed both in front and back, front to be 4" deep and be removable via flat head screw through returns
  - All welded seams to be filled and sanded smooth prior to paint
  - Internal low voltage wiring and LEDs to be accessible when removing front channel
  - Paint faces PMS 2270C, and PMS 7484C
  - Paint all returns metallic gray finish
  - Letters to be mounted with solid aluminum spacer below for drainage & baseline alignment
  - Concealed mechanical attachment through base of each letter to concrete platform
2. PUSH-THROUGH ACRYLIC
  - 1" thick green translucent acrylic in matching PMS 2270C color
  - 3/4" depth material exposed proud of face
  - White LED illumination, Bitro OpticsPro Plus 6500k temperature
  - Mechanically attached to face with nutted connection to weld/ threaded studs
3. RACEWAY CABINET
  - Aluminum brake-formed cabinet to be installed in recess in concrete platform
  - Two piece angle/channel design
  - Channel attaching to recess in platform to connect with primary voltage whip and be mechanically secured to concrete platform
  - PS to be housed in box, primary voltage and low voltage connection to be made within
  - All visible surface to receive rough sandblasted finish for matte finish to blend with concrete
  - Front cover to be attached with flat head screws in matching finish
4. DIMENSIONAL LETTERS
  - 1/2" thick flat cut aluminum
  - CNC routed/laser cut with smooth returns
  - All visible surfaces to be painted in gray metallic finish
  - Stud mount with 1/4" standoff from wall surface
  - Standoff barrel hardware to be painted to match letters

ADDITIONAL REQUIREMENTS:

ALL STRUCTURAL ATTACHMENT FASTENING TO BE CONCEALED WITHIN LETTERS; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH THROUGH RETURNS

CLIMATE PLEDGE ARENA

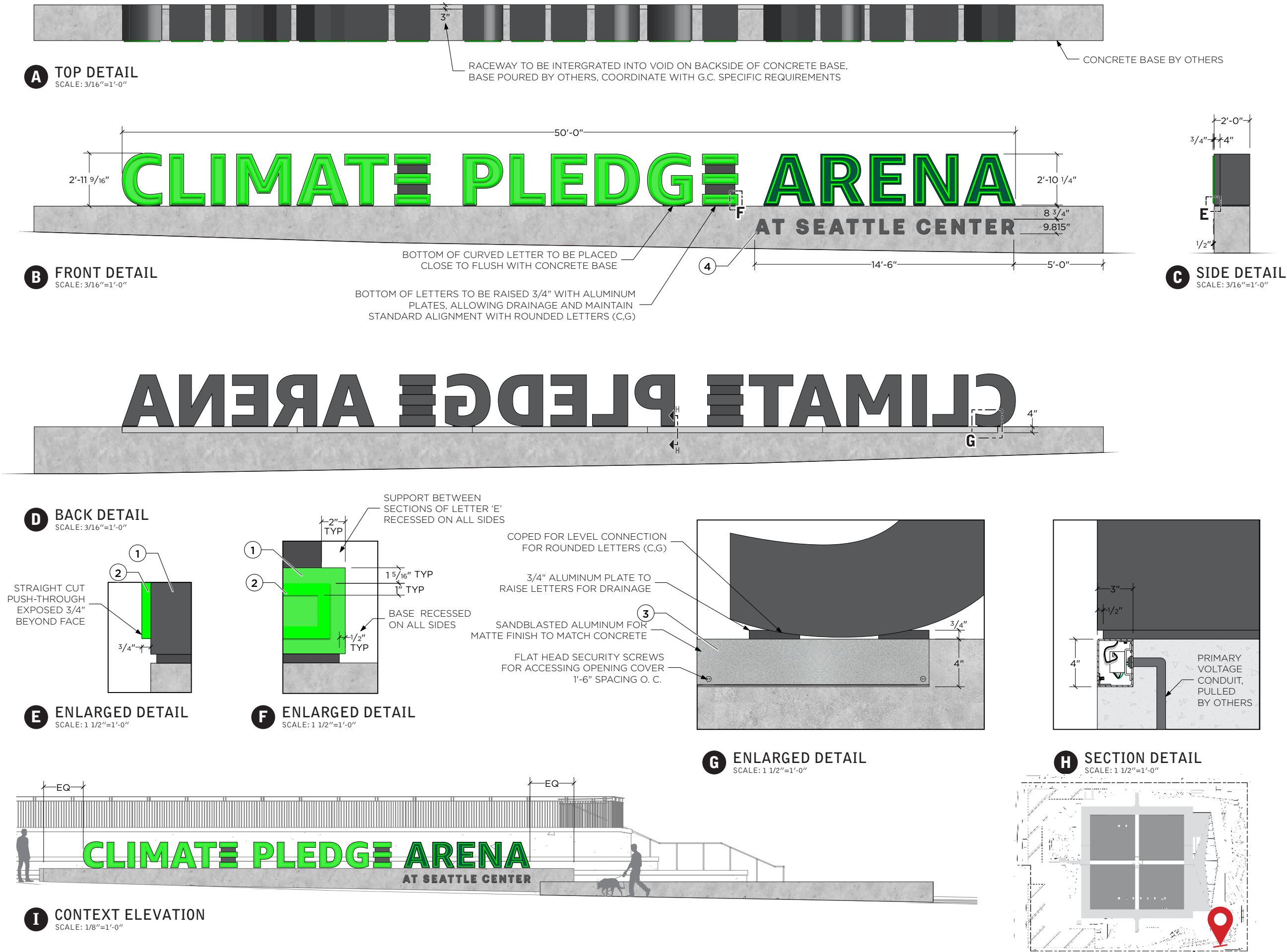
Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

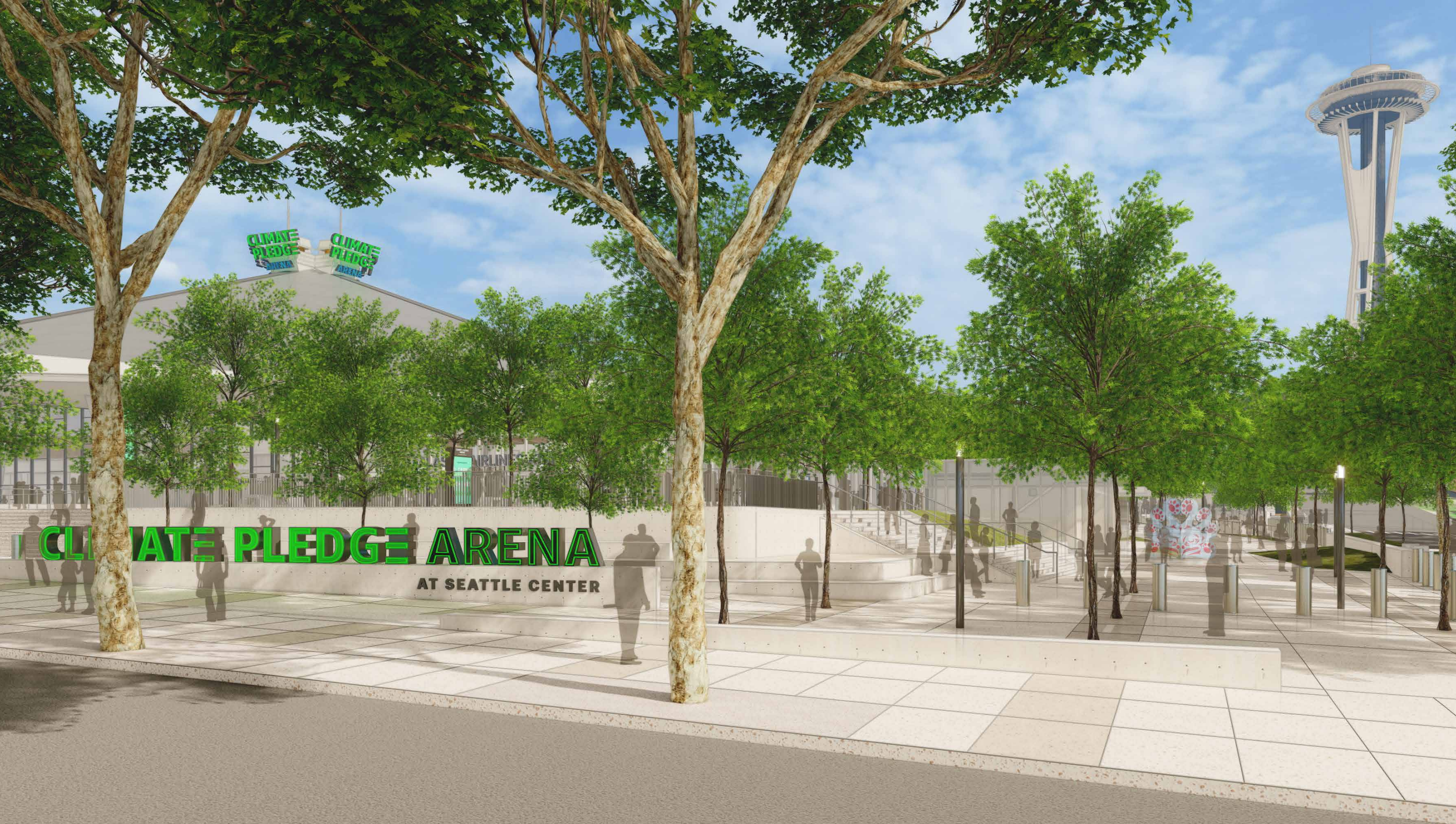
E - Site ID

sheet:

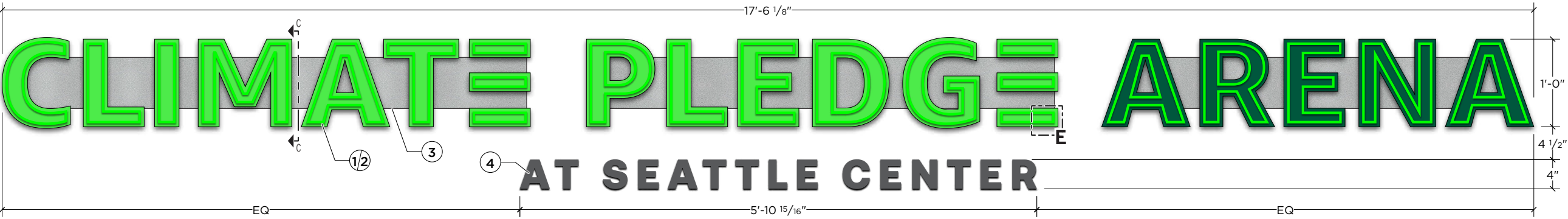
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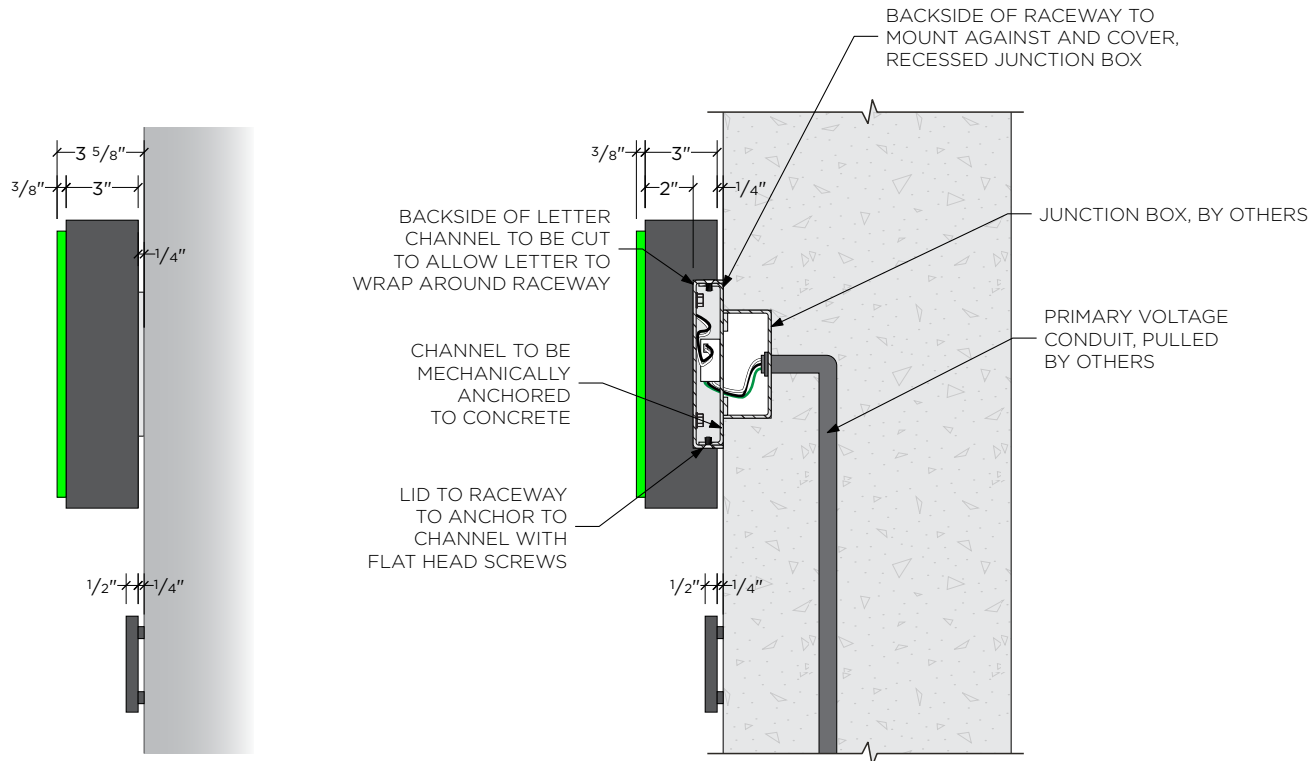








**A FRONT DETAIL**  
SCALE: 3/4"=1'-0"

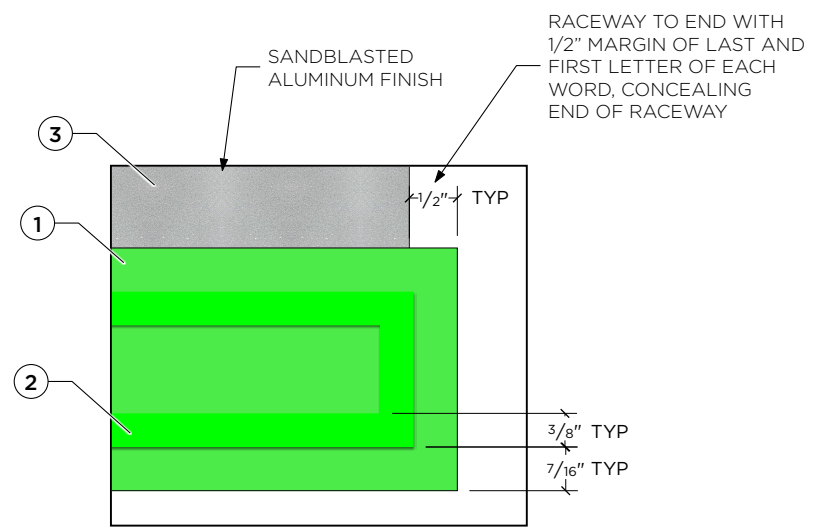


**B SIDE DETAIL**  
SCALE: 1 1/2"=1'-0"

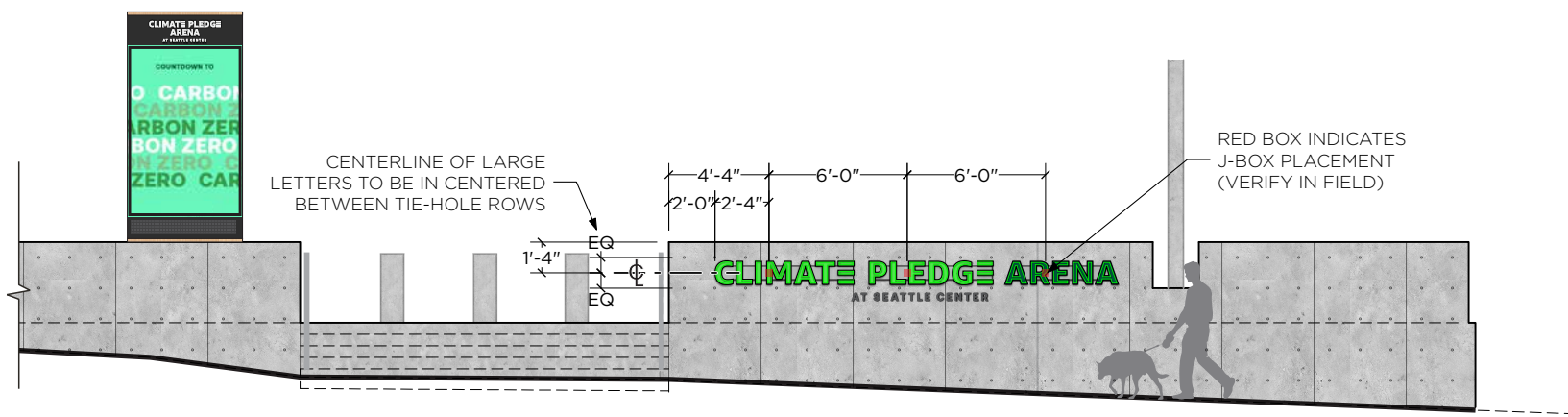
**C SECTION DETAIL**  
SCALE: 1 1/2"=1'-0"



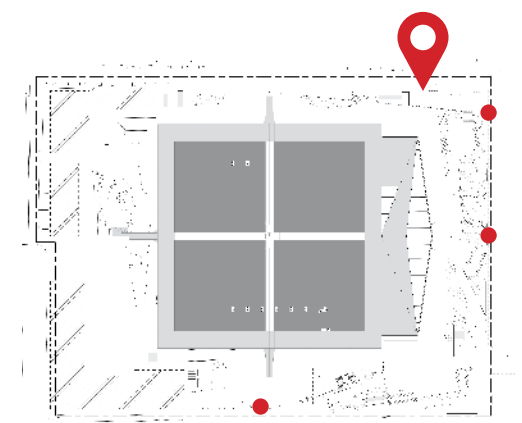
**D AX0**  
SCALE: NTS



**E ENLARGED DETAIL**  
SCALE: 1/2"=1'-0"



**F CONTEXT ELEVATION: EAST WALL AT UPPER SE PLAZA**  
SCALE: 1/8"=1'-0"



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## DRAWING NOTES:

- 1. REVERSE CHANNEL LETTERS**
  - Welded aluminum construction with face cut for push through acrylic
  - Letters backs and returns are to be cut away allowing 1" deep raceway to recess into letters
  - Reveals on back panel to be tight and not allow light leak
  - All seams on front and returns to be filled and sanded smooth prior to paint
  - Letters to be removable by removing front pan raceway, and accessing flat head screws through back panel
  - Internal low voltage wiring and LEDs to be accessible when removing letters from backs
  - Paint faces PMS 2270C, and PMS 7484C
  - Paint all returns metallic gray finish
  - Letters are to have concealed mechanical attachment to raceway cover

- 2. PUSH-THROUGH ACRYLIC**
  - 3/4" thick green translucent acrylic in matching PMS 2270C color
  - 3/8" depth material exposed proud of face
  - White LED illumination, Bitro Bantam Plus 6500k temperature
  - Mechanically attached to face with nutted connection to weld/ threaded studs

- 3. RACEWAY CABINET**
  - Aluminum brake-formed cabinet per word
  - Two piece pan design, pan attaching to wall to cover junction box and mechanically attach to concrete wall
  - PS to be housed in box, primary voltage and low voltage connection to be made within
  - All visible surface to receive rough sandblasted finish for matte finish to blend with concrete
  - Front pan to be attached with flat head screws in matching finish

- 4. DIMENSIONAL LETTERS**
  - 1/2" thick flat cut aluminum
  - CNC routed/laser cut with smooth returns
  - All visible surfaces to be painted in gray metallic finish
  - Stud mount with 1/4" standoff from wall surface
  - Standoff barrel hardware to be painted to match letters

## ADDITIONAL REQUIREMENTS:

ALL STRUCTURAL ATTACHMENT FASTENING TO BE CONCEALED WITHIN RACEWAY CABINET; NO FASTENERS ALLOWED THROUGH FACE OF SIGNAGE; EXTERNAL FASTENERS LIMITED TO FLAT-HEAD COUNTERSUNK SCREWS IN MATCHING FINISH

**CLIMATE PLEDGE ARENA**  
Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

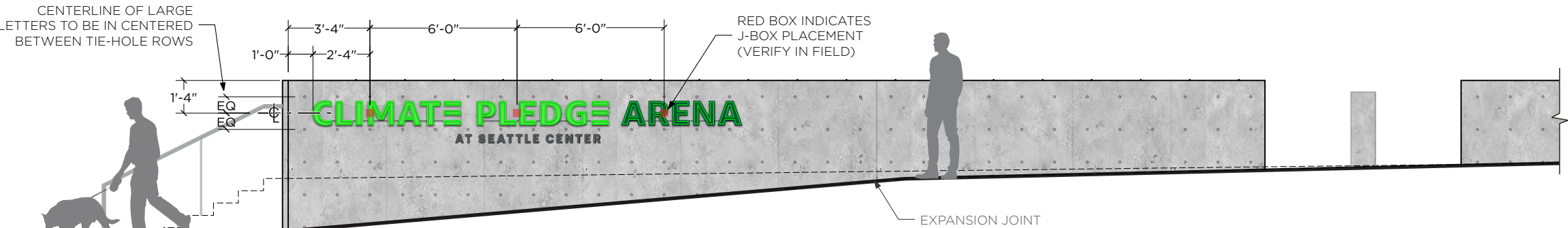
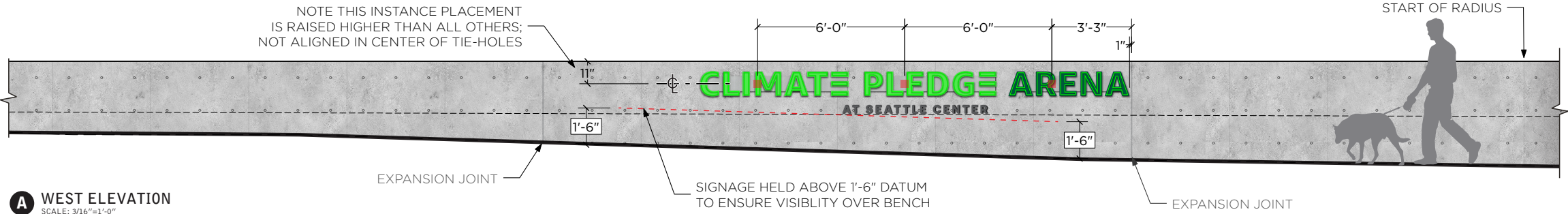
revisions:

## M - Site ID Wall Mount

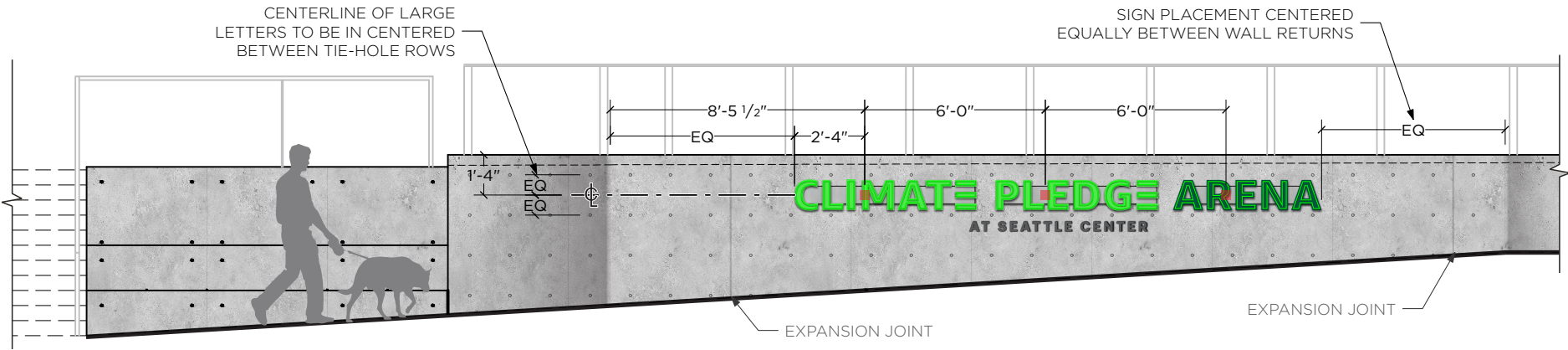


DRAWING NOTES:

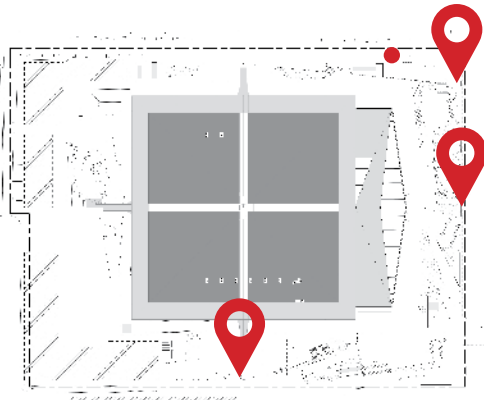
ALL OTHER LOCATIONS WALL MOUNT SITE ID



**B SOUTH WALL AT UPPER SE PLAZA**  
SCALE: 3/16"=1'-0"



**C SOUTH STAIR**  
SCALE: 3/16"=1'-0"



CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

M - Site ID Wall Mount

Context Elevations

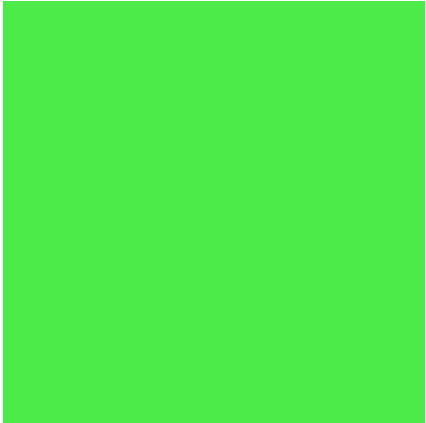
sheet:

G.51.0

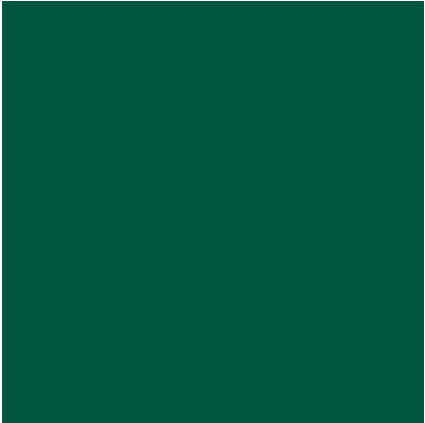






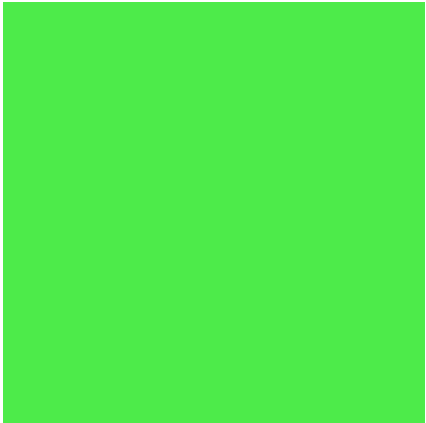


PMS 2270 C



PMS 7484C

Acrylic Colors



PMS 2270 C



PMS 7484C

Paint Colors

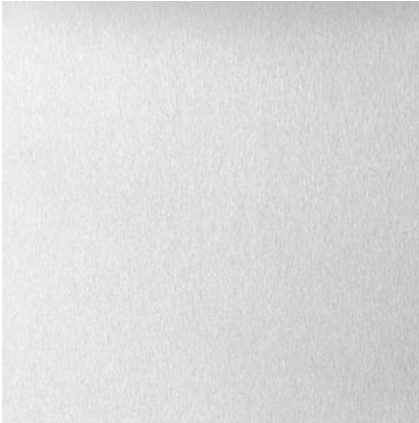


Letter Detail

Push-through Acrylic Stroke  
(to mimic neon illumination)



Sandblasted Aluminum  
(to match concrete finish)



Bright Aluminum

Mounting Structure

DRAWING NOTES:

CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

Naming Rights Signage  
Finishes/Materials/Colors



# **Promotional, Directional & Event Signage**

## Pedestrian Scale



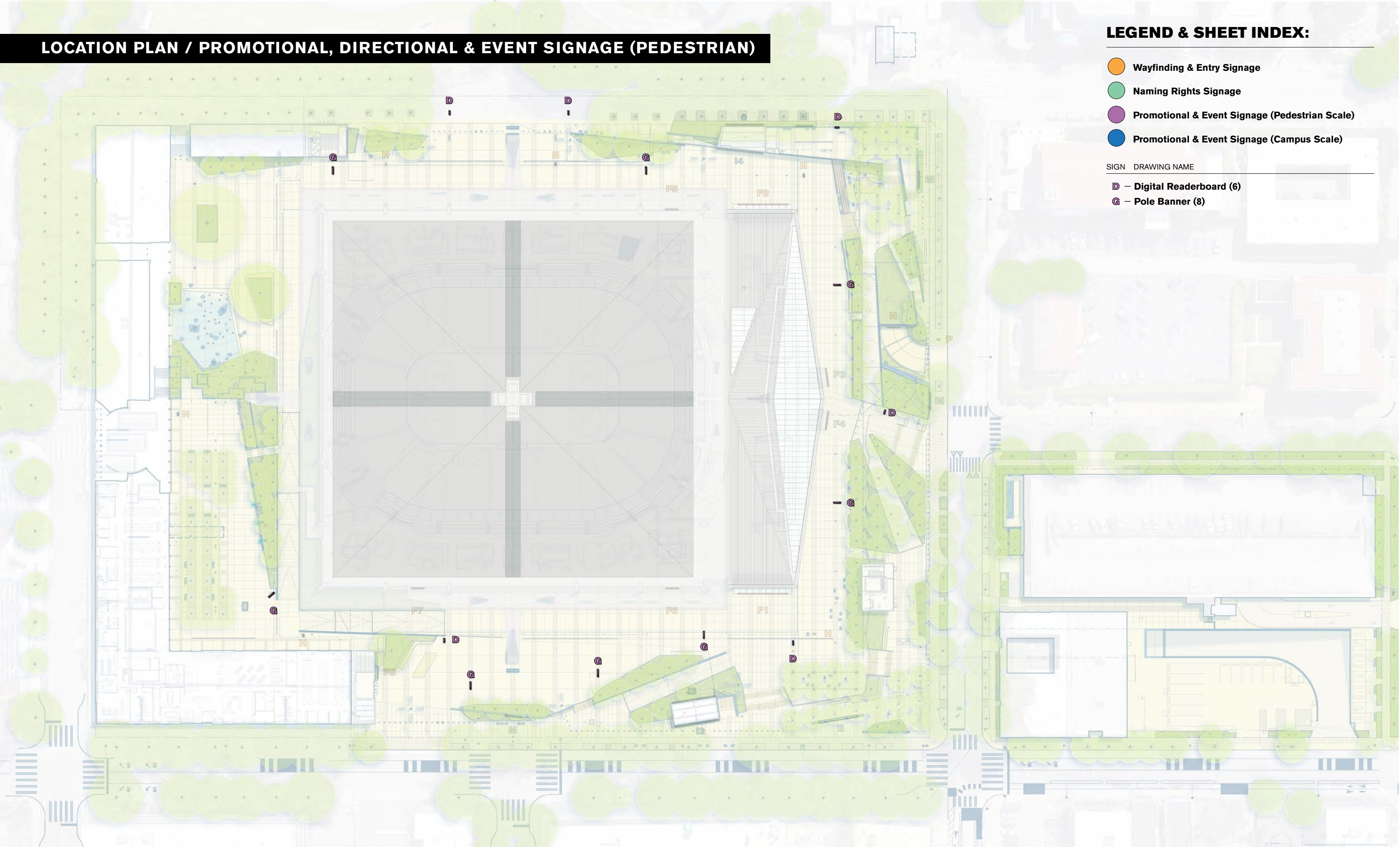
LOCATION PLAN / PROMOTIONAL, DIRECTIONAL & EVENT SIGNAGE (PEDESTRIAN)

LEGEND & SHEET INDEX:

- Wayfinding & Entry Signage
- Naming Rights Signage
- Promotional & Event Signage (Pedestrian Scale)
- Promotional & Event Signage (Campus Scale)

SIGN DRAWING NAME

- D – Digital Readerboard (6)
- G – Pole Banner (8)





DRAWING NOTES:

- LED DISPLAY CABINET
  - Tube framed welded aluminum cabinet with perforated side panels for forced ventilation
  - 1/8" minimum thickness on all face panels
  - All visible surfaces to be painted matte black
  - LED Display Basis of Design: Daktronics Outdoor Display JVX Series 3.9mm - **LED boards have been purchased; fabricator not to include LED boards' cost in pricing bid**
  - LED Display to be front serviced, and have no glass lens
  - Assembly to be mechanically attached to horizontal tubes welded onto vertical post
- PAINTED POST
  - 10" x 10" metal square tube
  - Cap top of sign with welded plate
  - 4" horizontal square tubes to be welded to vertical post to support LED display cabinet
  - All seams to be filled and ground smooth prior to paint
  - Flush access panel on one side of post for connecting data and power wires to be provided
  - Access panel to be fastened with security screws
  - All visible surfaces to be painted matte black
  - Square tubing to be welded to interior side of post to support suspended cabinets
  - Post & base plate weldment to be bolted mounting flange prior to topping slab pour

ADDITIONAL REQUIREMENTS:

FABRICATOR TO COORDINATE ATTACHMENT DESIGN WITH G.C. AND PROVIDE STAMPED DRAWINGS BY LICENSED ENGINEER

DRAWING IS FOR **CONSTRUCTION INTENT**. ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

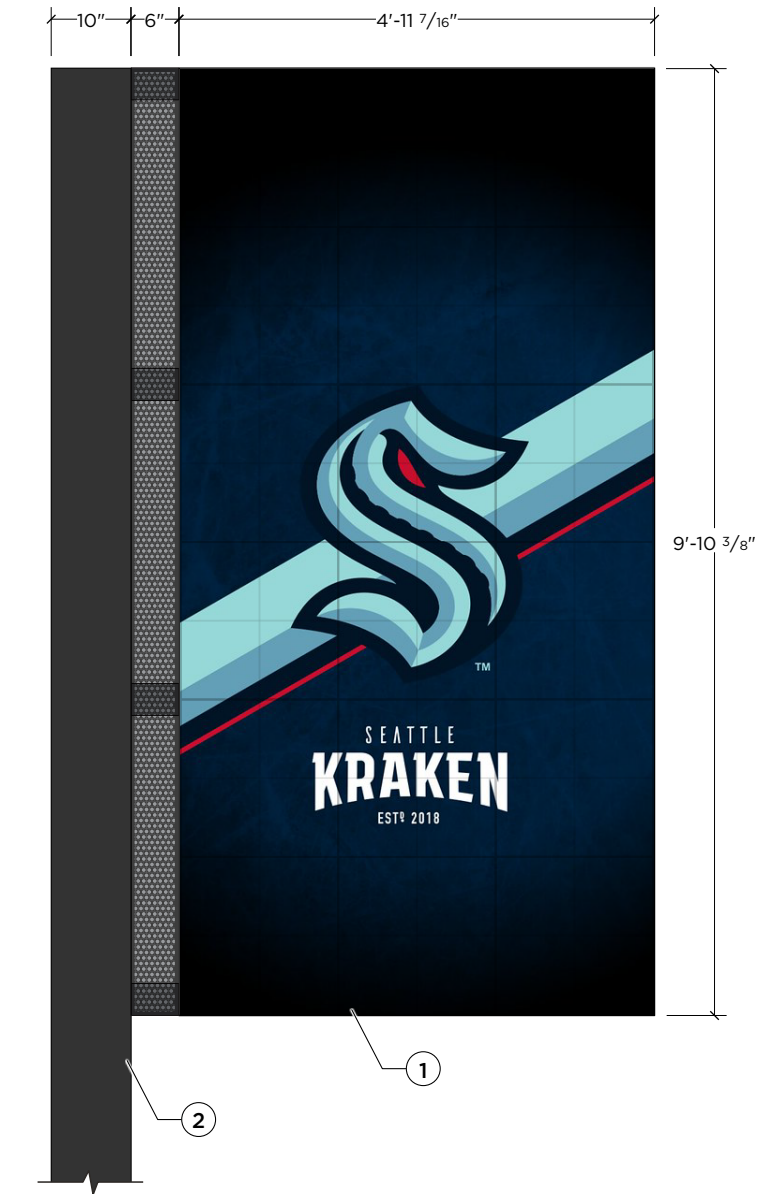
ALL STRUCTURAL ATTACHMENT FASTENING TO BE CONCEALED WITHIN CABINET; NO FASTENERS ALLOWED THROUGH FACE; ACCESS PANEL HARDWARE TO BE FLAT-HEAD SECURITY SCREWS

CLIMATE PLEDGE ARENA

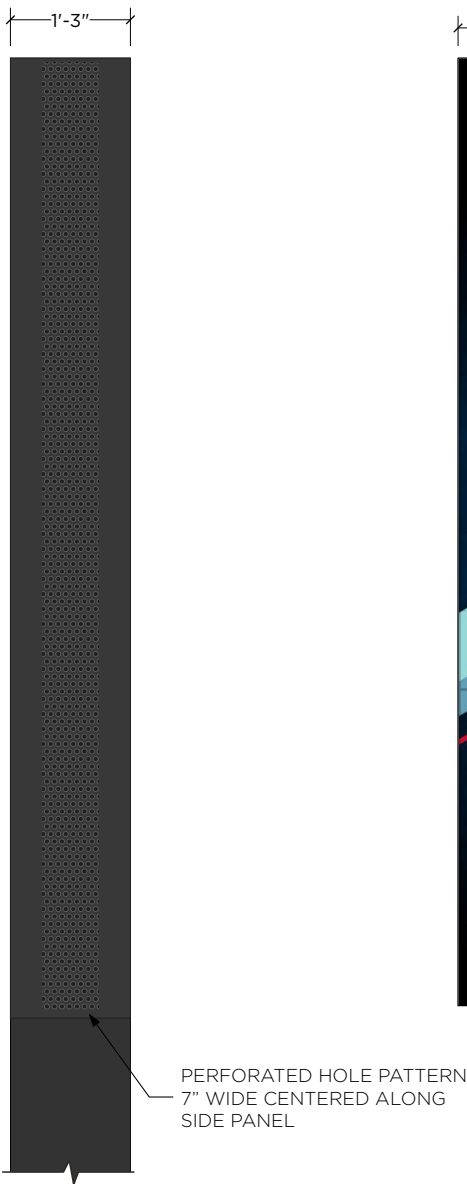
Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

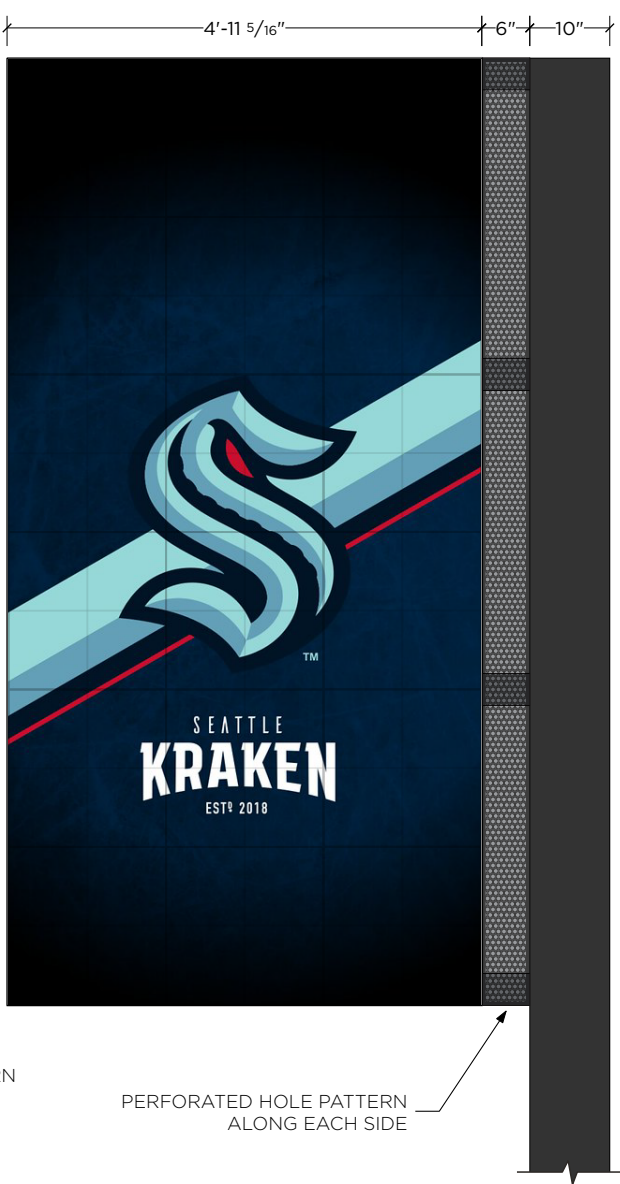
G - Pole Banner



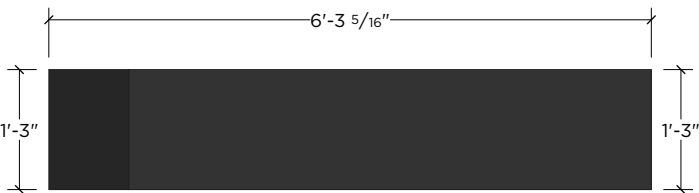
A FRONT DETAIL  
SCALE: 1/2"=1'-0"



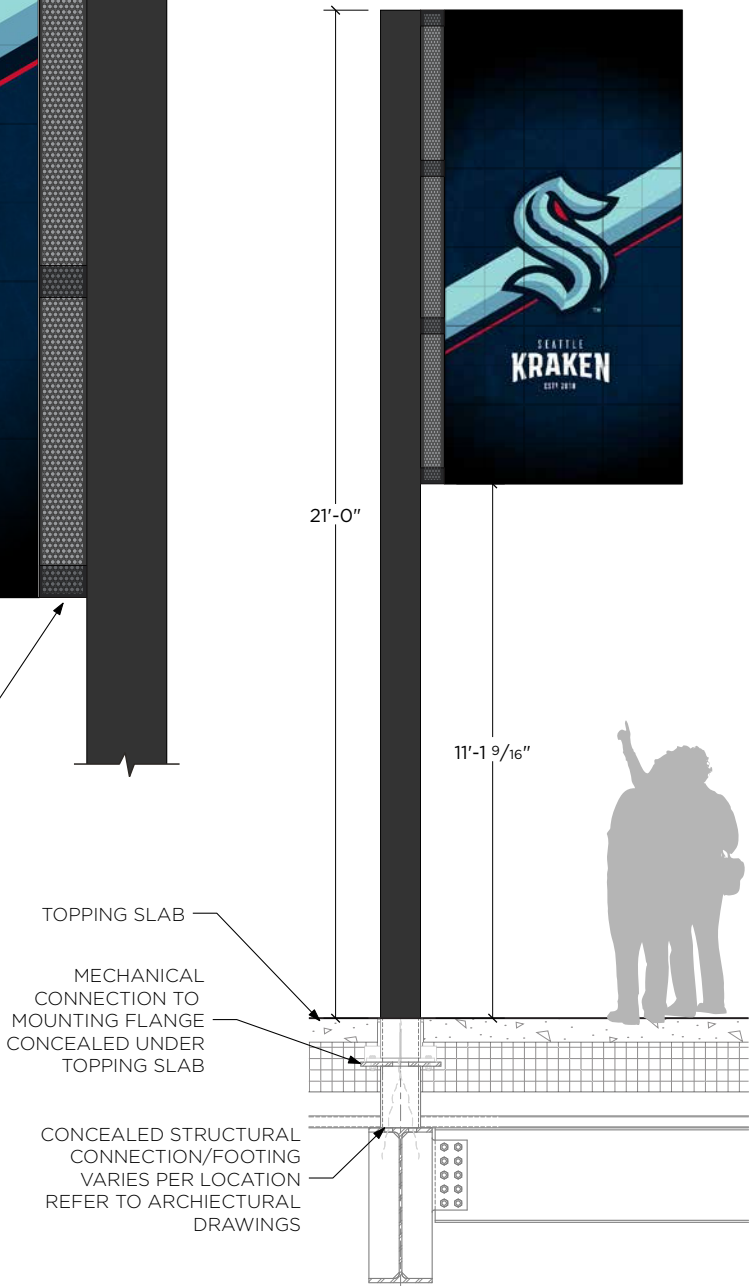
B SIDE VIEW  
SCALE: 1/2"=1'-0"



D BACK DETAIL  
SCALE: 1/2"=1'-0"



E IN PLAN  
SCALE: 1/2"=1'-0"



G CONTEXT ELEVATION  
SCALE: 1/4"=1'-0"







DRAWING NOTES:

- LED DISPLAY CABINET
  - Tube framed welded aluminum cabinet with perforated side panels for ventilation
  - 1/8" minimum thickness on all face panels
  - All visible surfaces to be painted matte black
  - LED Display Basis of Design: Daktronics Outdoor Display JVX Series 3.9mm - **LED boards have been purchased; fabricator not to include LED boards' cost in pricing bid**
  - LED Display to be front serviced
  - Removable tempered and laminate glass lens to affixed in front of LED display
  - Glass panel to have aluminum angle epoxied to backside for mechanical attachment, removable for front servicing
  - Glass panel to be back-painted black to create bezel for to cover perimeter of attachment
  - Assembly to be mechanically attached to concrete foundation with concealed fasteners
  - Access to fastener to be through removable side panel door, attached with flat head screws
- POWDER-COATED GRAPHICS
  - Digitally printed custom wood graphic trim sublimated under clear powder coat
  - Applied along all four faces at top & bottom and applied to full top surface
  - Printed on 1/16" thick aluminum, with graphic wrapping returns
  - Basis of Design: Direct Embed Graphics
  - Epoxied flush to cabinet faces
- PUSH-THROUGH LETTERING
  - Clear acrylic push-through 3/8" proud of cabinet face
  - Polished face and sanded returns
  - 2nd surface to have 3M white diffuser
  - Mechanically attached to interior face of cabinet with nut connection
  - White LEDs: Bitro OpticsPro Plus 5000k

ADDITIONAL REQUIREMENTS:

FABRICATOR TO COORDINATE ATTACHMENT DESIGN WITH G.C. AND PROVIDE STAMPED DRAWINGS BY LICENSED ENGINEER

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

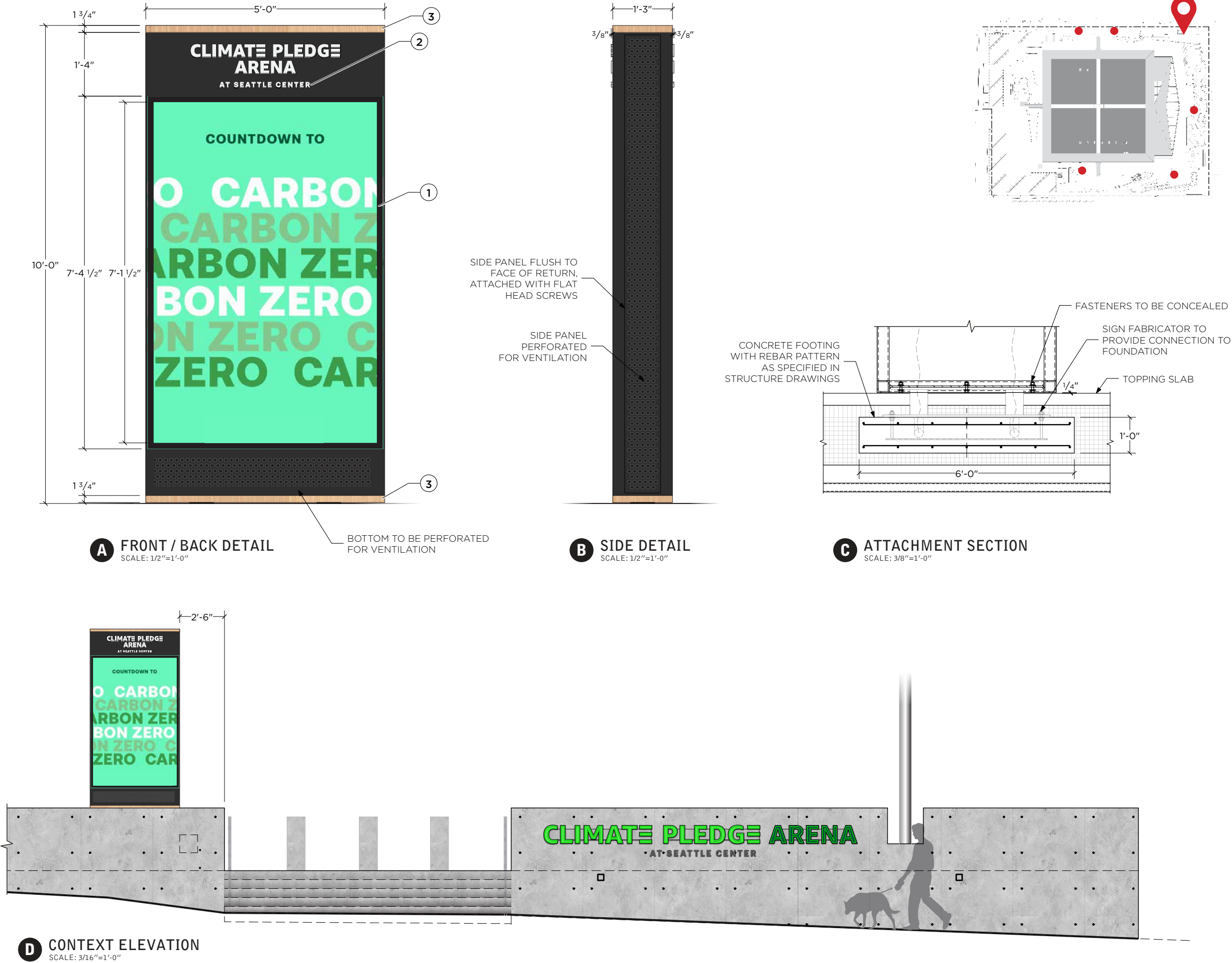
ALL STRUCTURAL ATTACHMENT FASTENING TO BE CONCEALED WITHIN CABINET; NO FASTENERS ALLOWED THROUGH FACE; ACCESS PANEL HARDWARE TO BE FLAT-HEAD SECURITY SCREWS

CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

D - Digital Readerboard





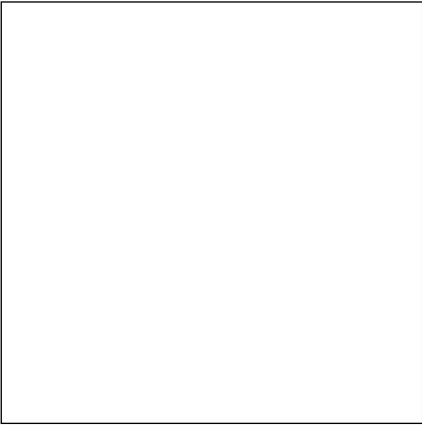






Black

Paint Colors

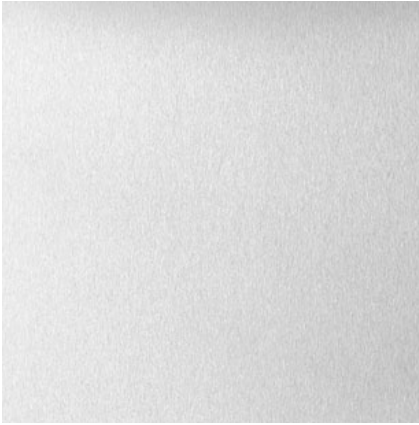


White

Acrylic Colors



Sandblasted Aluminum  
(to match concrete finish)



Bright Aluminum

Mounting Structure



Direct Embed Douglas Fir

Faux Wood Finish



3M IJ180CV3 Controltac

Vinyl Graphics



Push-through Acrylic Lettering



Cabinet Sign Reference Image

DRAWING NOTES:

CLIMATE PLEDGE ARENA

Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

Promotional & Event  
Signage (Pedestrian)  
Finishes/Materials/Colors



# **Promotional & Event Signage**

## Campus Scale

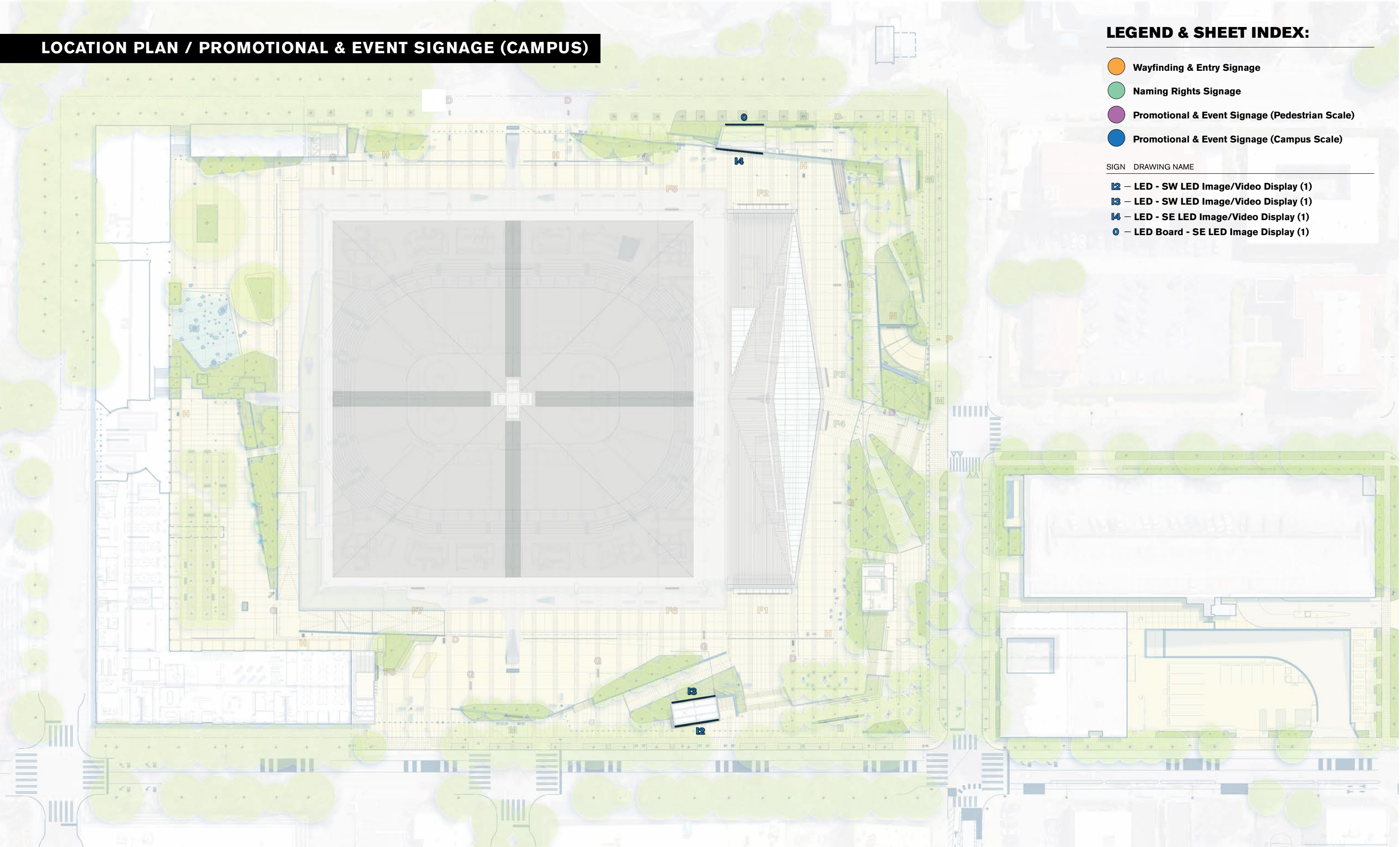


LOCATION PLAN / PROMOTIONAL & EVENT SIGNAGE (CAMPUS)

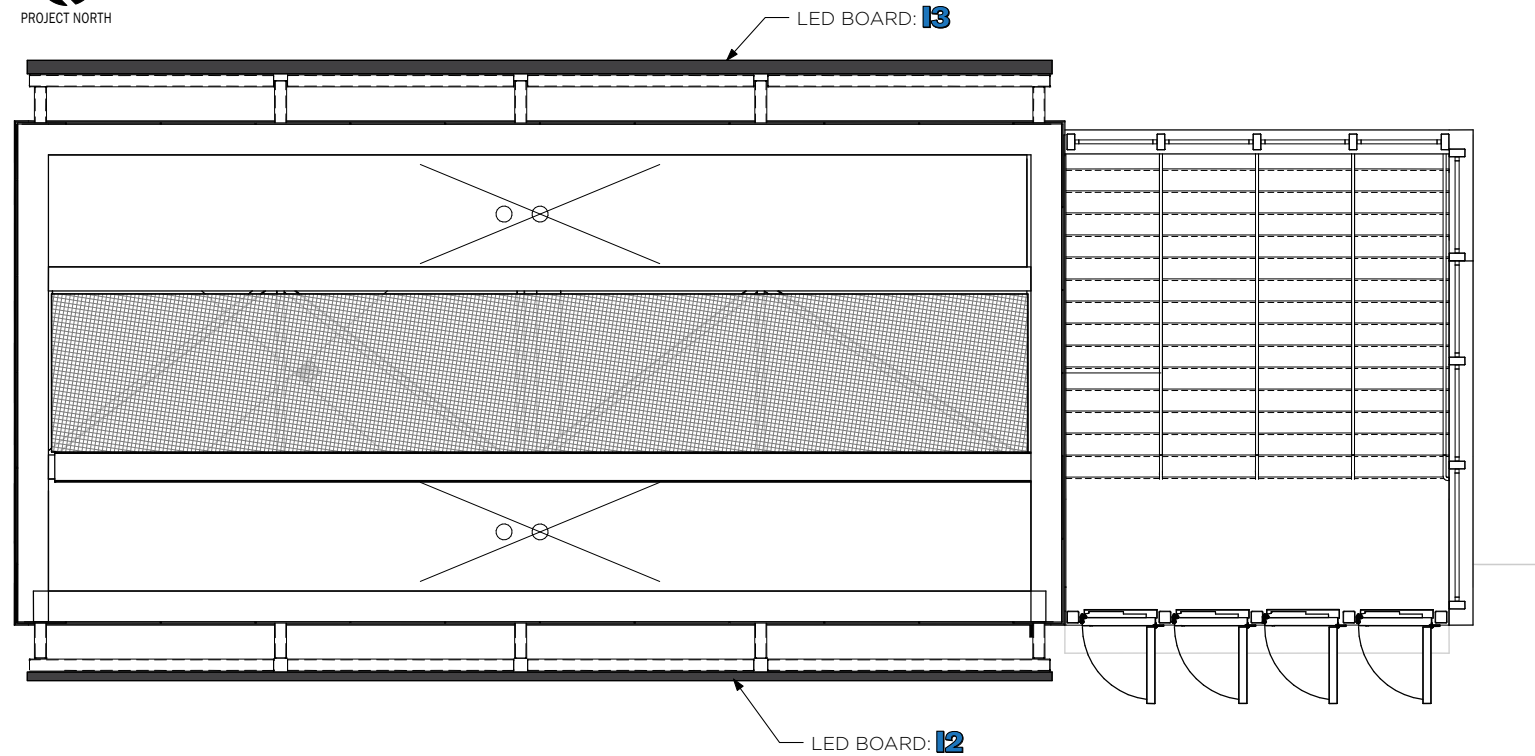
LEGEND & SHEET INDEX:

- Wayfinding & Entry Signage
- Naming Rights Signage
- Promotional & Event Signage (Pedestrian Scale)
- Promotional & Event Signage (Campus Scale)

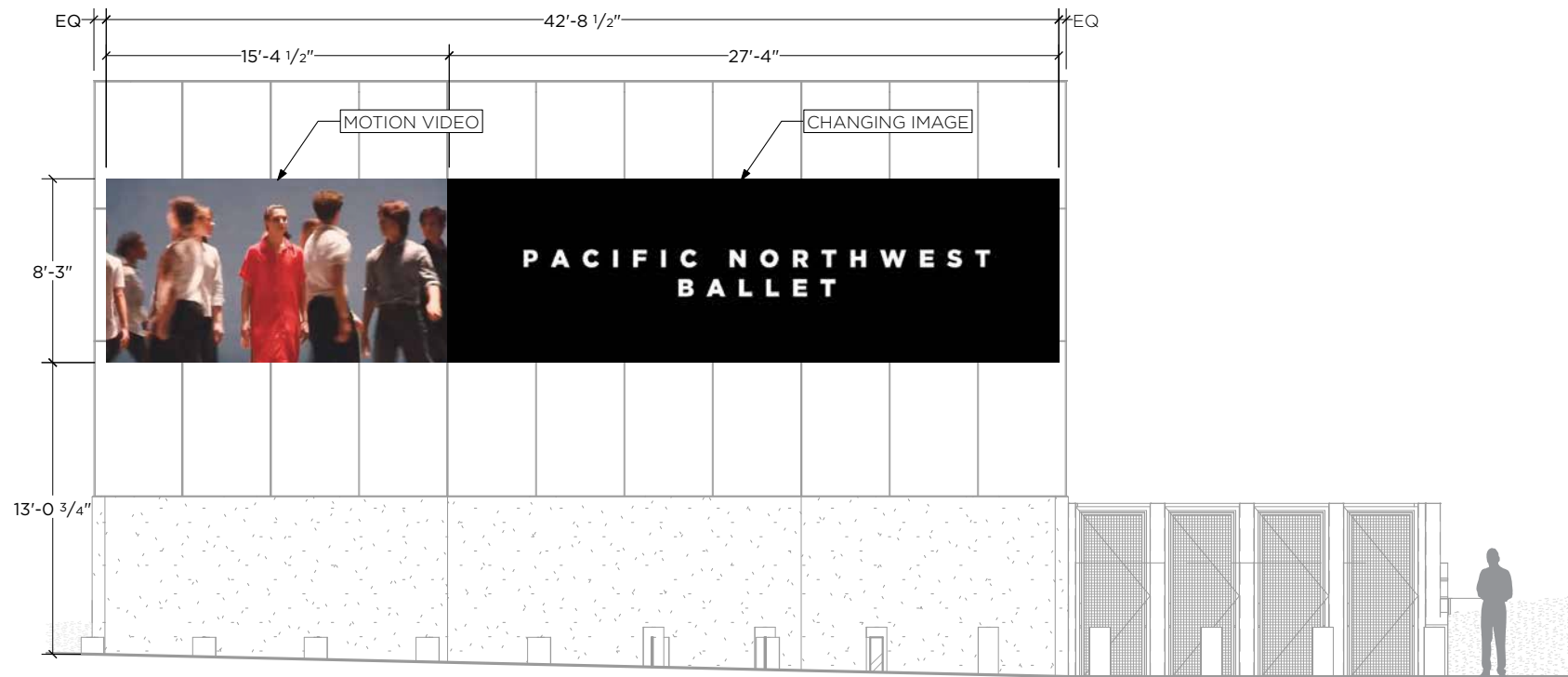
SIGN	DRAWING NAME
I2	LED - SW LED Image/Video Display (1)
I3	LED - SW LED Image/Video Display (1)
I4	LED - SE LED Image/Video Display (1)
O	LED Board - SE LED Image Display (1)





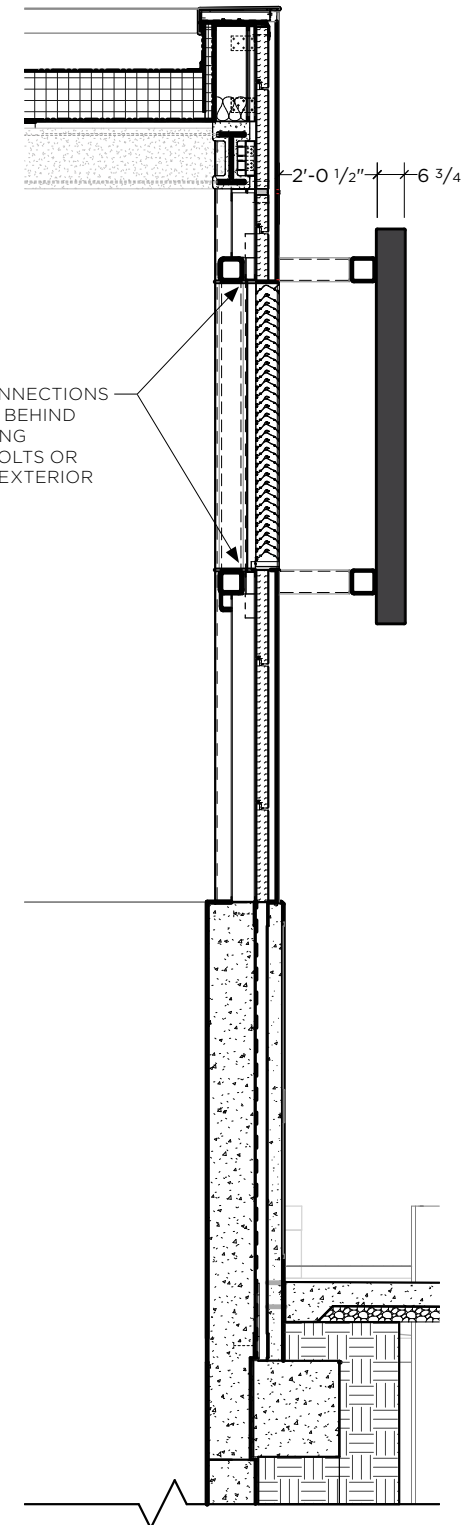


**A** IN PLAN: SW SNORKEL  
SCALE: 1/8"=1'-0"



**B** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"

WELDED STEEL CONNECTIONS  
TO BE CONCEALED BEHIND  
FIBER CEMENT SIDING  
WITH NO VISIBLE BOLTS OR  
CONNECTIONS ON EXTERIOR



**C** SECTION  
SCALE: 1/4"=1'-0"

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## DRAWING NOTES:

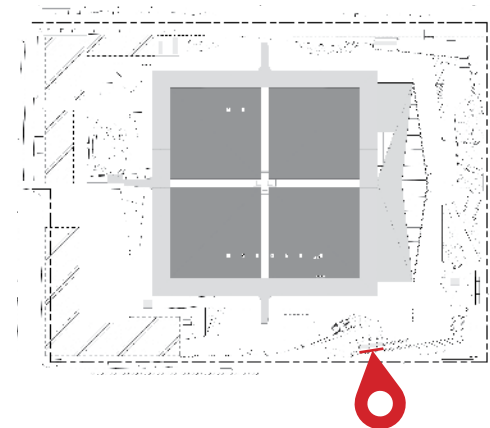
- LED DISPLAY
  - Basis of Design: Daktronics JVX Series
  - Edge-to-edge dynamic LED display (non-interactive) with a pixel pitch of 5.9mm
  - Video area: 15'-4 1/2" x 8'-3"
  - Changing Static Image: 27'-4" x 8'-3"
  - Cabinet to have active cooling as needed
  - Metal frame returns with black painted finish
  - LED board assembly to be mounted in front of air intake, 2'-0 1/2" proud of building facade

## ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

DRAWING IS FOR **CONSTRUCTION INTENT**. ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

DISPLAY PROVIDED BY OWNER - NOT FOR BID; NOT TO BE INCLUDED IN SIGN FABRICATOR'S SCOPE



## CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

revisions:

## I2 - LED Display

SW Snorkel

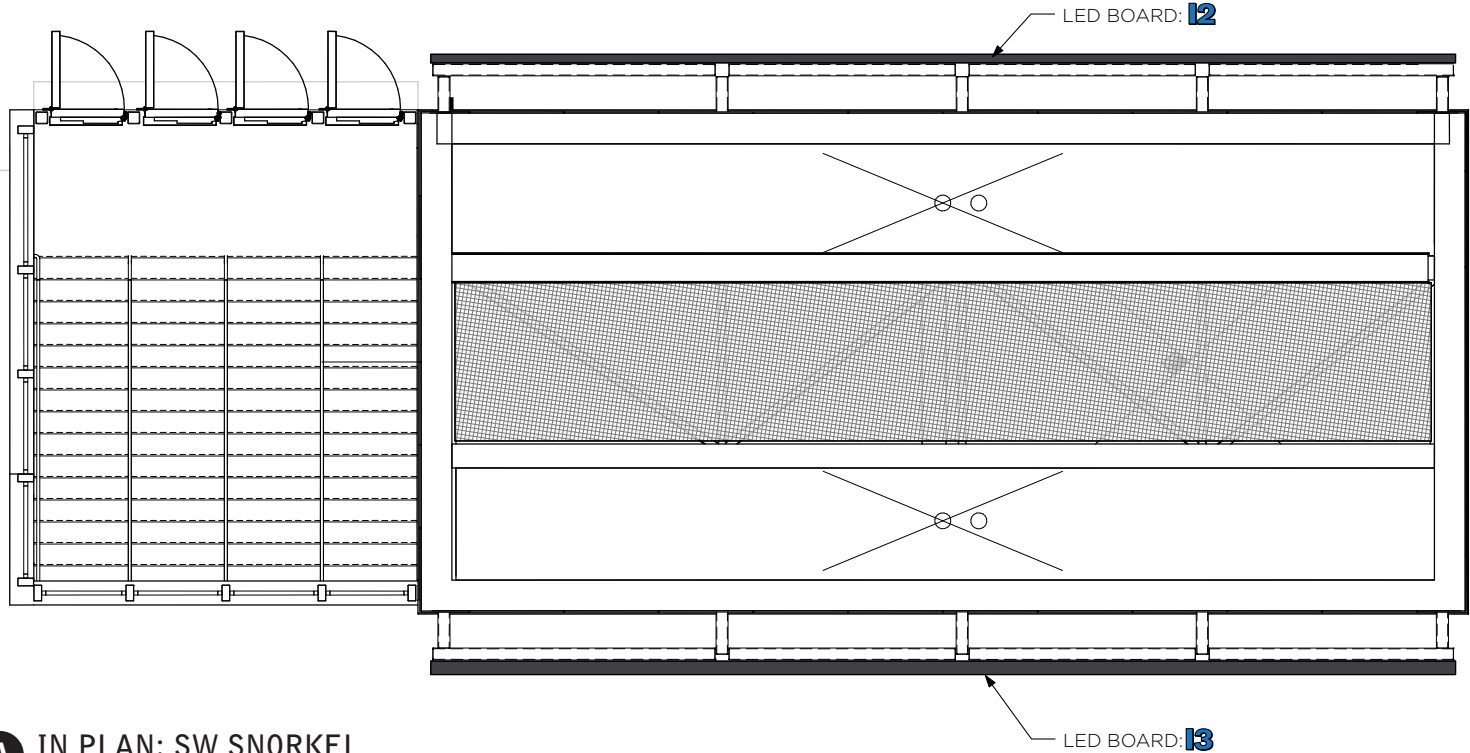
sheet:

G.63.0

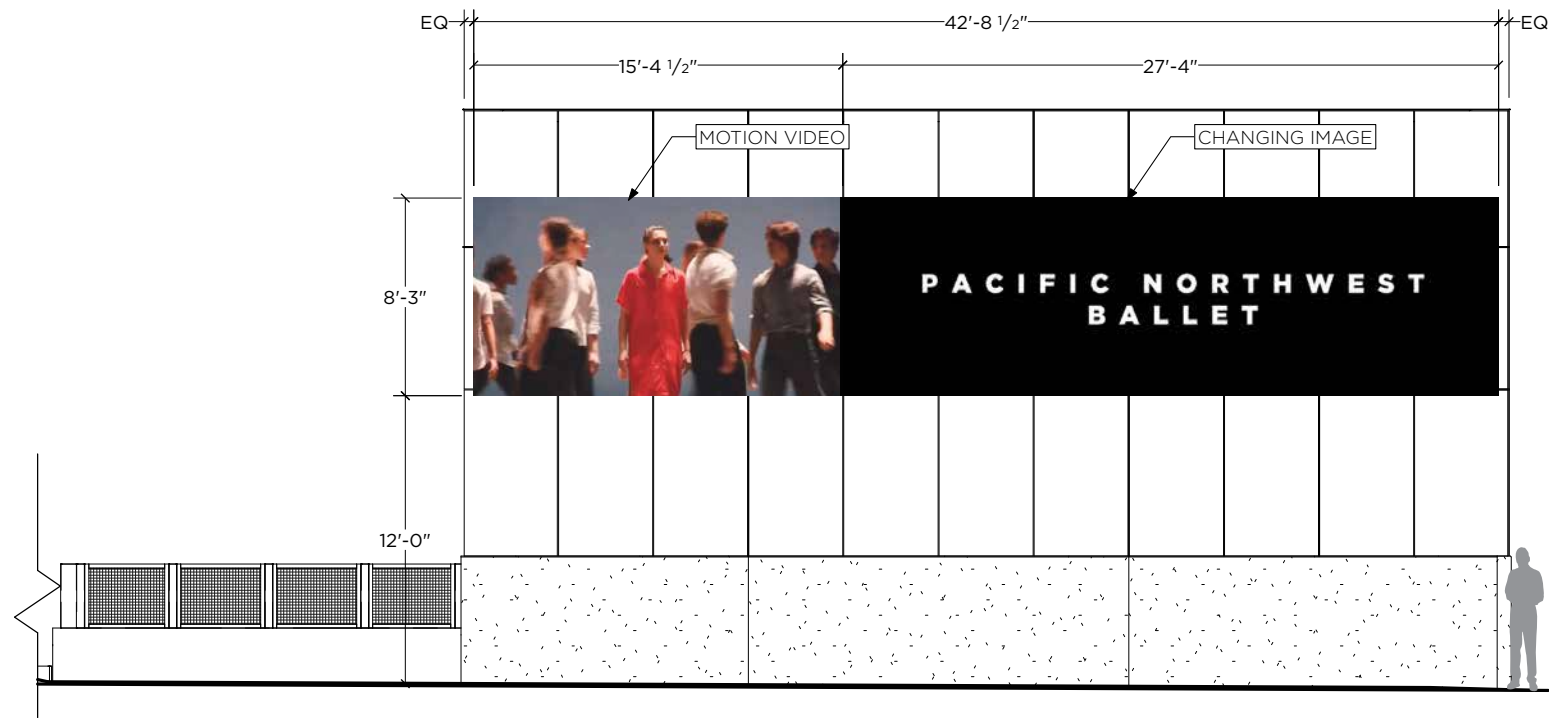






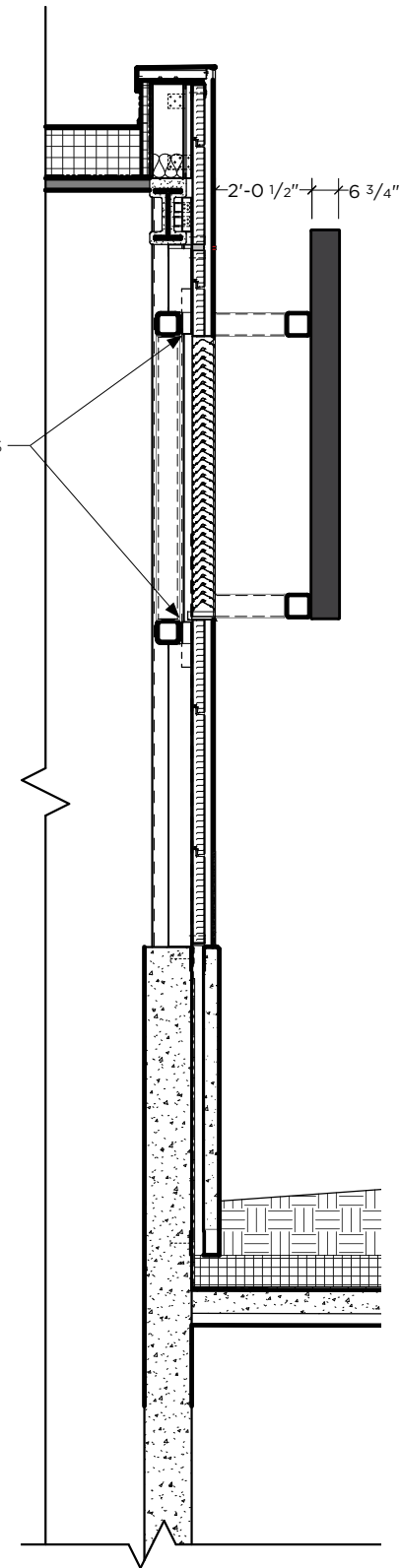


**A** IN PLAN: SW SNORKEL  
SCALE: 1/8"=1'-0"



**B** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"

WELDED STEEL CONNECTIONS  
TO BE CONCEALED BEHIND  
FIBER CEMENT SIDING  
WITH NO VISIBLE BOLTS OR  
CONNECTIONS ON EXTERIOR



**C** SECTION  
SCALE: 1/4"=1'-0"

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## DRAWING NOTES:

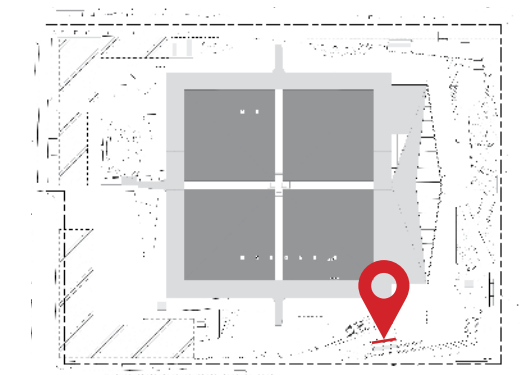
1. LED DISPLAY
- Basis of Design: Daktronics JVX Series
  - Edge-to-edge dynamic LED display (non-interactive) with a pixel pitch of 5.9mm
  - Video area: 15'-4 1/2" x 8'-3"
  - Changing Static Image: 27'-4" x 8'-3"
  - Cabinet to have active cooling as needed
  - Metal frame returns with black painted finish
  - LED board assembly to be mounted in front of air intake, 2'-0 1/2" proud of building facade

## ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

DRAWING IS FOR **CONSTRUCTION INTENT**. ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

DISPLAY PROVIDED BY OWNER - NOT FOR BID; NOT TO BE INCLUDED IN SIGN FABRICATOR'S SCOPE



**CLIMATE PLEDGE ARENA**  
Project Number: 17.4538  
Phase: CONSTRUCTION  
Date: 12.4.2020

revisions:

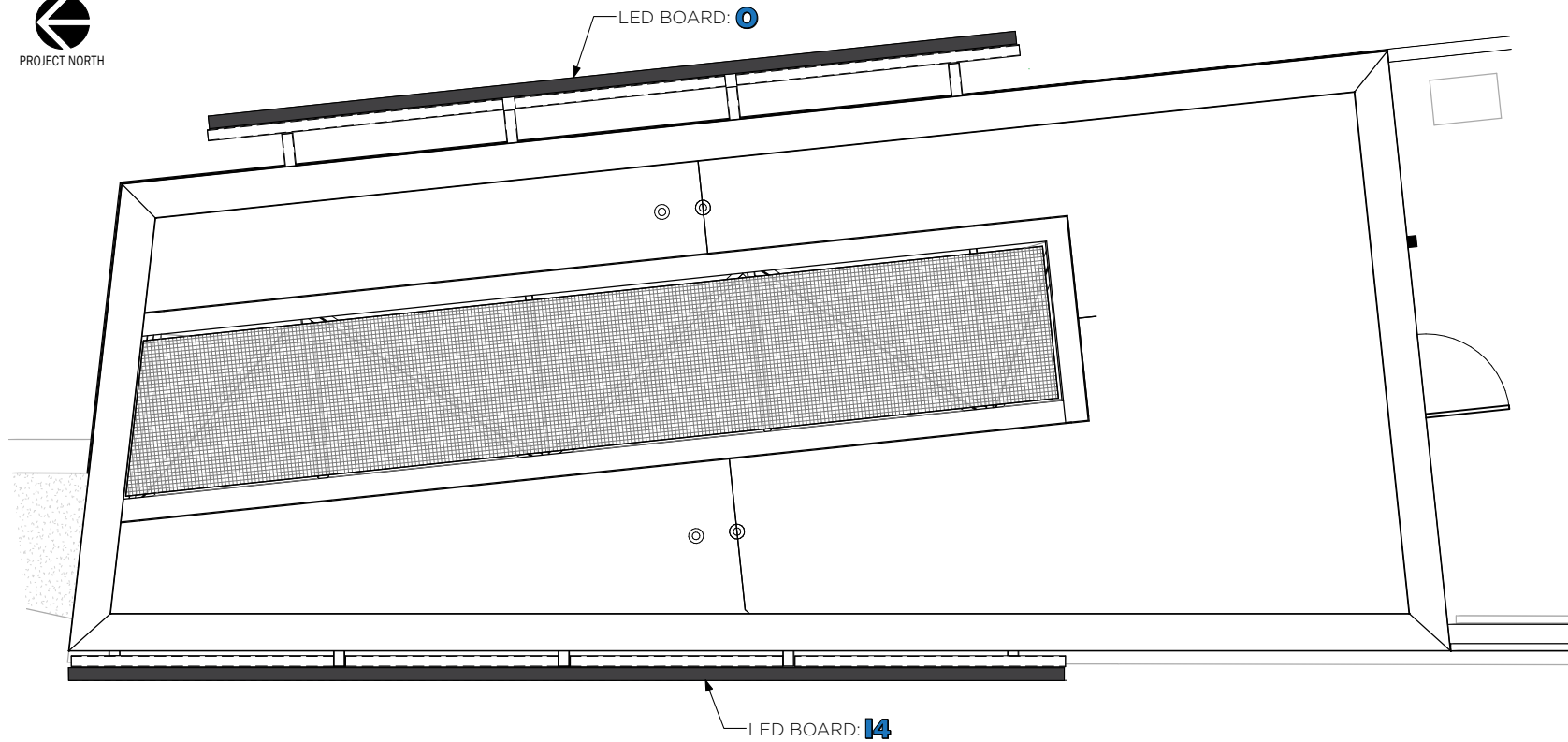
## I3 - LED Display

SW Snorkel

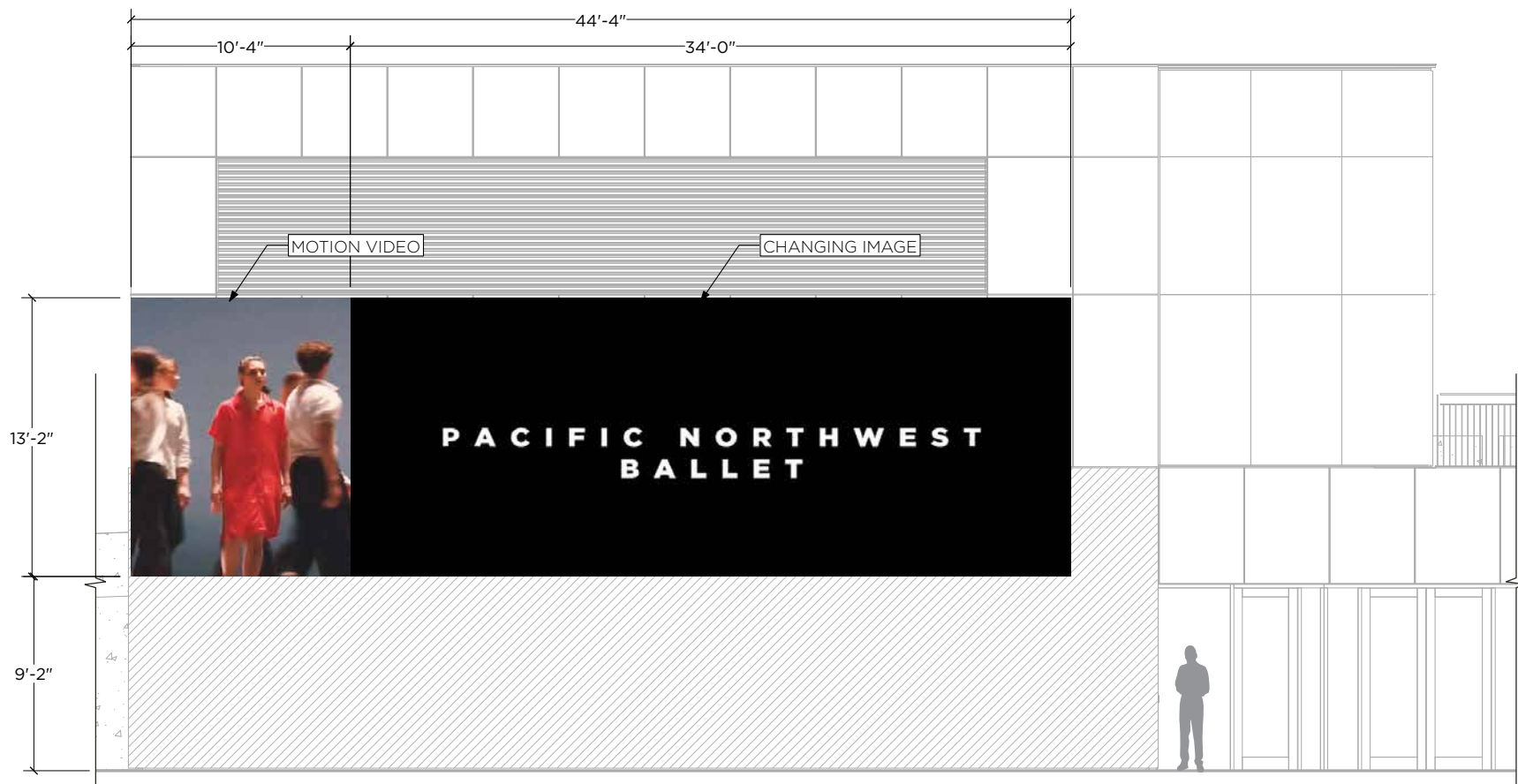






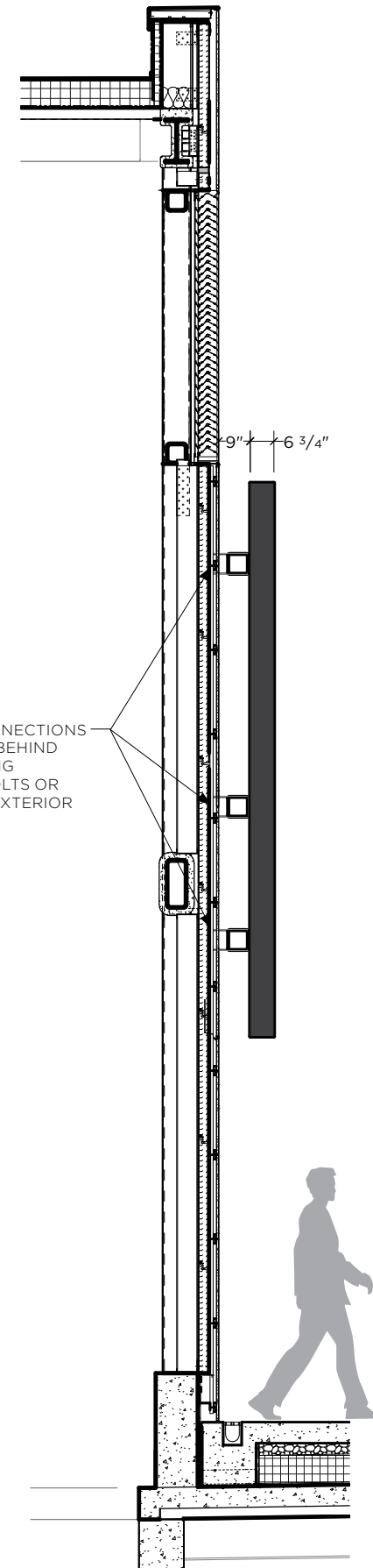


**A** IN PLAN: SE SNORKEL  
SCALE: 1/8"=1'-0"



**B** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"

WELDED STEEL CONNECTIONS  
TO BE CONCEALED BEHIND  
FIBER CEMENT SIDING  
WITH NO VISIBLE BOLTS OR  
CONNECTIONS ON EXTERIOR



**B** SECTION  
SCALE: 1/4"=1'-0"

# POPULOUS®

4800 Main Street | Suite 300 | Kansas City, MO 64112  
Main: (816) 221-1500 | Fax: (816) 221-1578

## DRAWING NOTES:

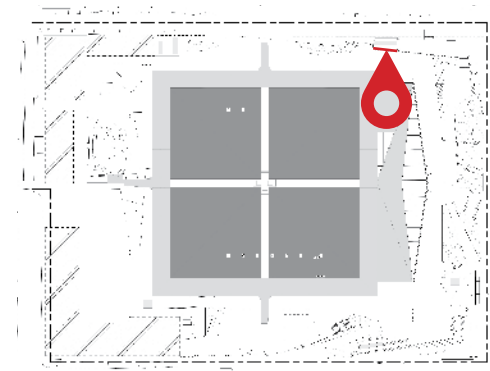
- LED DISPLAY
  - Basis of Design: Daktronics JVX Series
  - Edge-to-edge dynamic LED display (non-interactive) with a pixel pitch of 5.9mm
  - Video area: 10'-4" x 13'-2"
  - Changing Static Image: 34'-0" x 13'-2"
  - Cabinet to have active cooling as needed
  - Metal frame returns with black painted finish
  - LED board assembly to be mounted in front of air intake, 9" proud of building facade

## ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

DRAWING IS FOR **CONSTRUCTION INTENT**, ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

DISPLAY PROVIDED BY OWNER - NOT FOR BID; NOT TO BE INCLUDED IN SIGN FABRICATOR'S SCOPE



## CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

revisions:

## I4 - LED Display

SE Snorkel

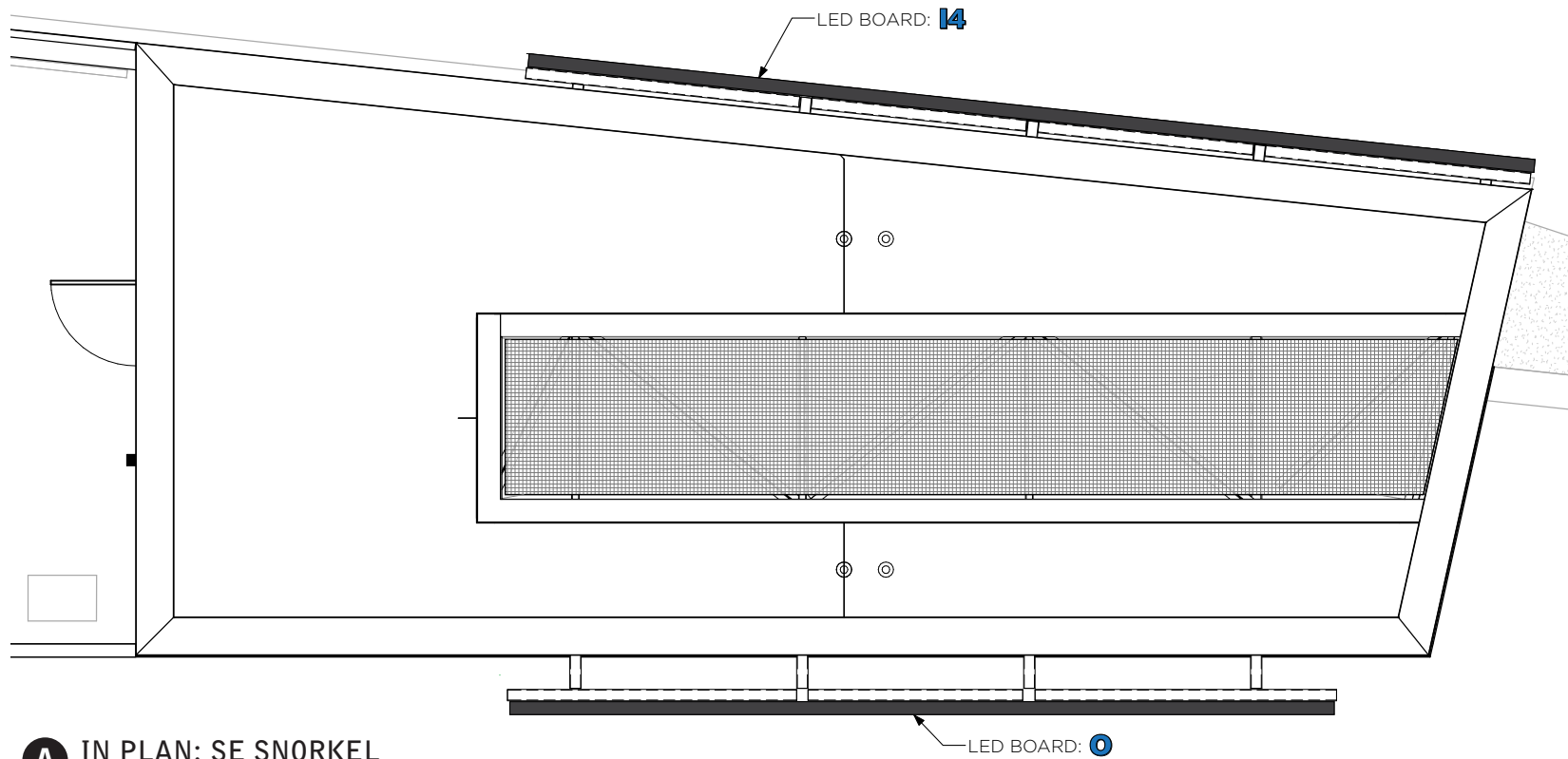
sheet:

G.67.0

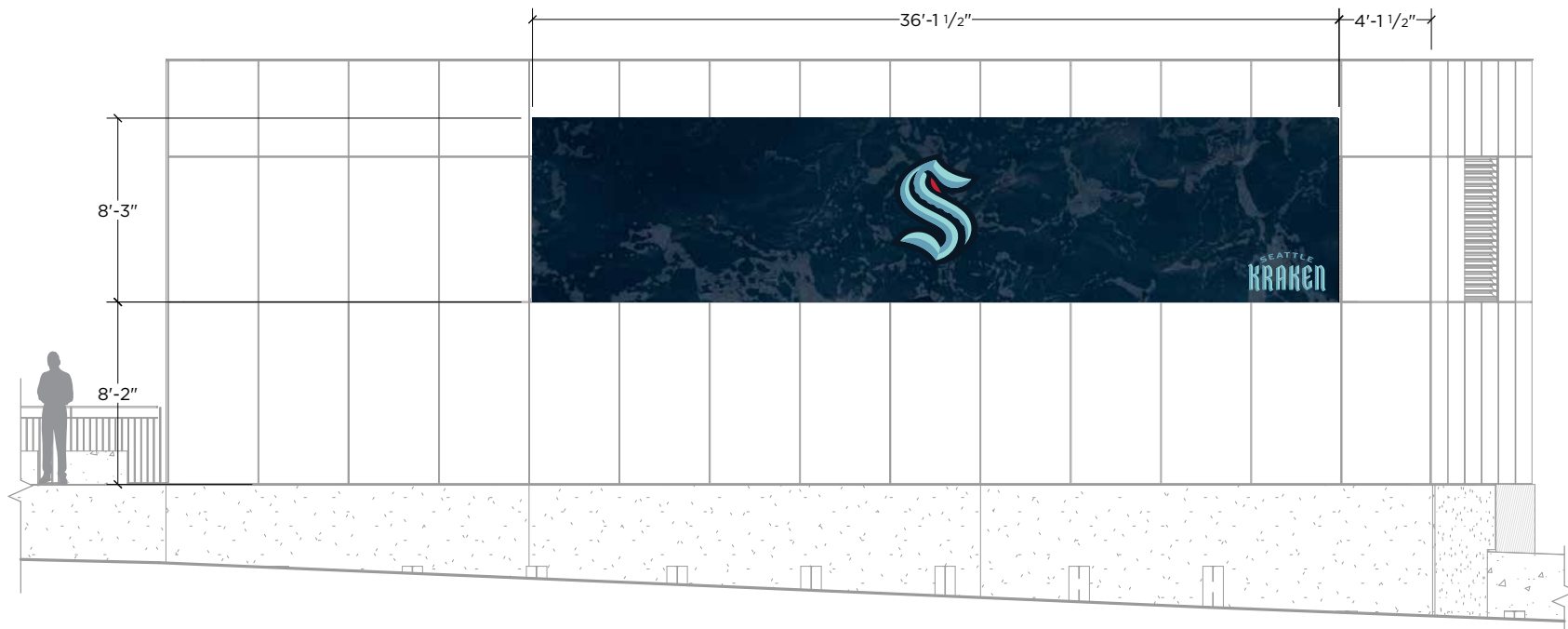




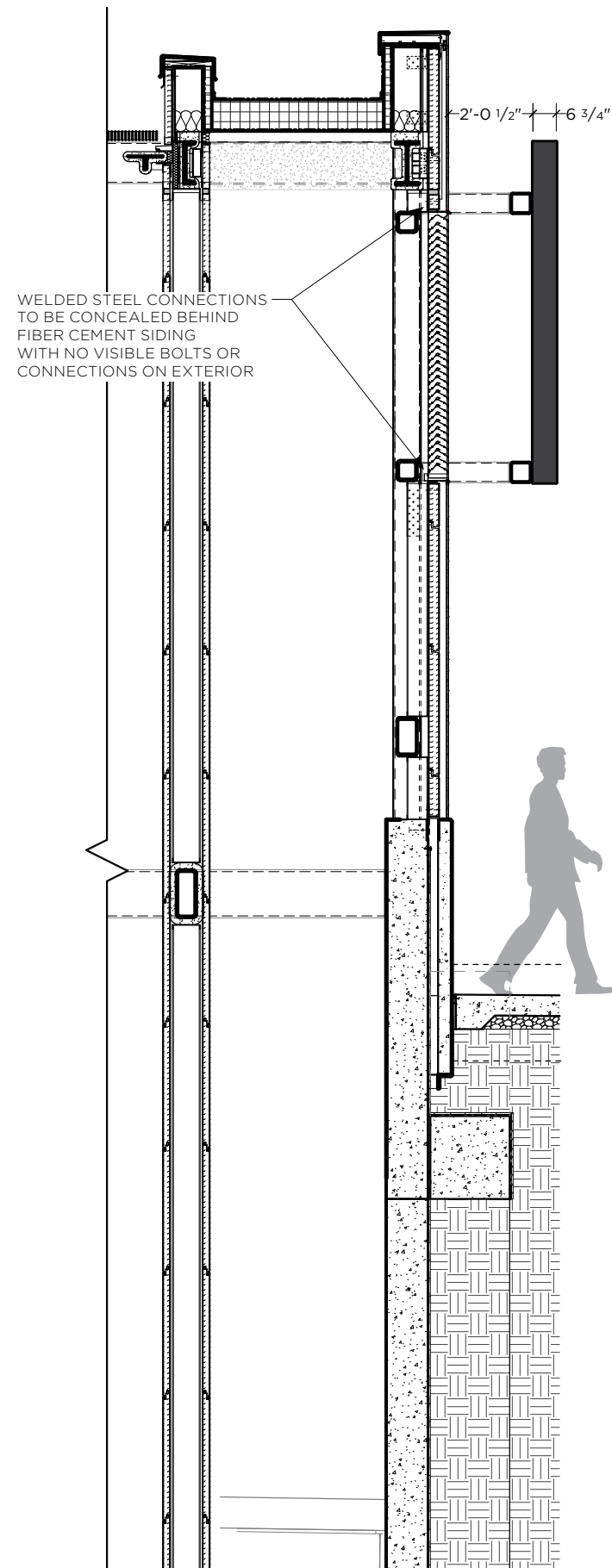




**A** IN PLAN: SE SNORKEL  
SCALE: 1/8"=1'-0"



**B** CONTEXT ELEVATION  
SCALE: 1/8"=1'-0"



**C** SECTION  
SCALE: 1/4"=1'-0"

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## DRAWING NOTES:

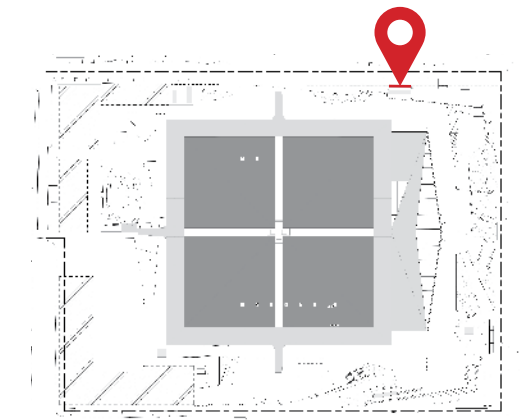
- LED DISPLAY
  - Basis of Design: Daktronics JVX Series
  - Edge-to-edge dynamic LED display (non-interactive) with a pixel pitch of 5.9mm
  - Video area: 36'-1 1/2" x 8'-3"
  - Cabinet to have active cooling as needed
  - Metal frame returns with black painted finish
  - LED board assembly to be mounted in front of air intake, 2'-0 1/2" proud of building facade

## ADDITIONAL REQUIREMENTS:

SIGN FABRICATOR IS RESPONSIBLE FOR VERIFYING MOUNTING CONDITIONS & FIELD DIMENSIONS

DRAWING IS FOR **CONSTRUCTION INTENT**. ENGINEERED SHOP DRAWINGS FOR PERMIT REVIEW TO BE PRODUCED BASED ON THESE DETAILS

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## CLIMATE PLEDGE ARENA

Project Number: 17.4538

Phase: CONSTRUCTION

Date: 12.4.2020

revisions:

## 0 - LED Display

SE Snorkel

sheet:

G.69.0







# **Sign Locations**

## Consolidated



LOCATION PLAN

LEGEND & SHEET INDEX:

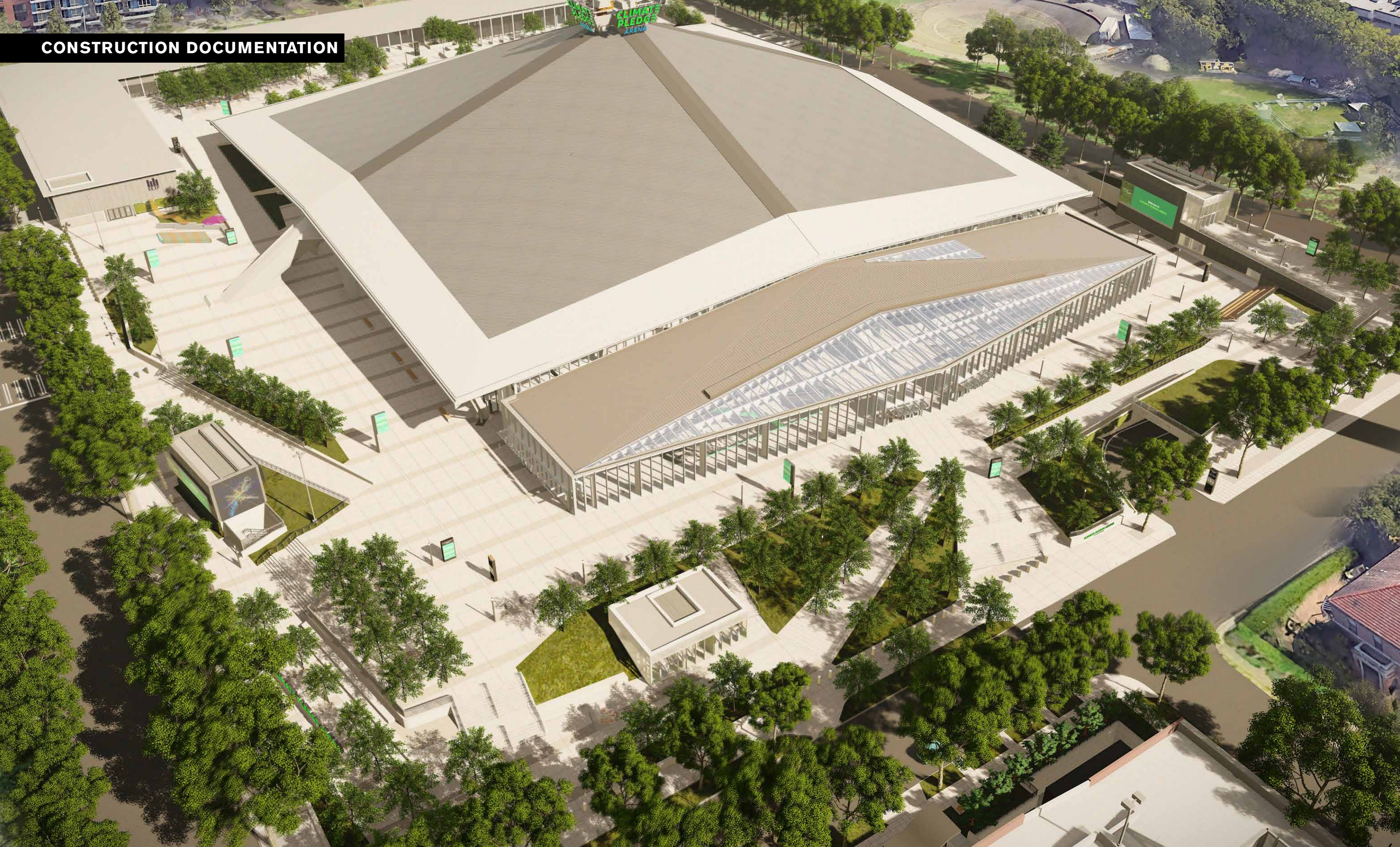
- Wayfinding & Entry Signage
- Naming Rights Signage
- Promotional & Event Signage (Pedestrian Scale)
- Promotional & Event Signage (Campus Scale)

SIGN	DRAWING NAME
F1	Entry ID - West Atrium (1)
F2	Entry ID - East Atrium (1)
F5	Entry ID - East Historic Building (1)
F6	Entry ID - West Historic Building 1 (1)
F7	Entry ID - West Historic Building 2 (1)
F8	Entry ID - NW Snorkel (1)
H	Pedestrian Directional (6)
P	Parking Ramp ID Sign (1)
N	Parking Garage Pylon (1)
E	Site ID (1)
F3	Entry ID - South Atrium 1 (1)
F4	Entry ID - South Atrium 2 (1)
M	Site ID Wall Mount (4)
D	Digital Readerboard (6)
G	Pole Banner (8)
I2	LED - SW LED Image/Video Display (1)
I3	LED - SW LED Image/Video Display (1)
I4	LED - SE LED Image/Video Display (1)
O	LED Board - SE LED Image Display (1)



SIGN TYPE	SIGN NAME	DESCRIPTION	QTY	ITEMS PENDING FURTHER DESIGN OR COORDINATION
F1, F2	Entry ID	Two (2) signs, one above each set of entrance doors on the west and east facades of the new atrium addition. Each sign will consist of two lines of text. The upper line will consist of aluminum open-face channel formed letters with painted interior and exterior, and faux neon resin tubing with illumination. The lower line will consist of aluminum open-face channel formed letters inside an open-formed box with painted interior and exterior. Each lower line letter to receive faux neon resin tubing with illumination.	2	
F3, F4	Entry ID	Two (2) signs, one above each set of entrance doors on the south facade of the new atrium addition. Each sign will consist of two lines of text. The upper line will consist of aluminum open-face channel formed letters with painted interior and exterior, and faux neon resin tubing and illumination. The lower line will consist of aluminum open-face channel formed letters inside an open-formed box with painted interior and exterior. Each lower line letter to receive faux neon resin tubing with illumination.	2	
F5, F6, F7	Entry ID	Three (3) signs, one above each set of entrance doors on the west and east facades of the Coliseum. The signs are mounted above the canopy to a raceway onto the existing mullions. The signs will consist of aluminum open-face channel formed letters with painted interior and exterior, and faux neon tubing and illumination.	3	Actual sponsor name pending confirmation of sponsors
F8	Entry ID	One (1) sign above the entrance doors on the northwest suite level entry. Sign will be mounted to precast concrete wall with standoffs passing through a Greenscreen mesh wall system. The signs will consist of aluminum channel formed letters with painted interior and exterior, and faux neon tubing and illumination.	1	Actual sponsor name pending confirmation of sponsors
ID-23A/B/C	Window Graphics	Window entry graphics at all entries. Entry information to consist of printed vinyl and printed cut vinyl, with first-surface application.	14	Wayfinding destination names used in images are placeholders
R-02B	Window Graphics	Code of Conduct graphic at all entries to consist of printed vinyl and printed cut vinyl, with first-surface application.	10	Code of conduct language used in images are placeholders
H	Pedestrian Directional	Six (6) freestanding pylon signs, in the north, east and south plazas. Each sign will consist of an aluminum cabinet with powder-coated custom faux wood graphic trim applied along the top cap and bottom, LED displays on front and back, painted directional information, and illuminated push-through lettering.	6	Wayfinding messages & map used in images are placeholders
N	Parking Ramp ID Sign	One (1) wall-mounted sign over the parking garage entrance on Thomas Street. The sign will consist of two lines of channel letters with acrylic faces and LED illumination, framed by painted aluminum brackets. The sign will include a suspended "clearance" bar in the garage opening.	1	Garage name pending confirmation of sponsor
P	Parking Garage Pylon	One (1) freestanding sign on Thomas Street, consisting of an aluminum cabinet with powder-coated custom faux wood graphic trim applied along the top cap and bottom, LED displays on front and back, and illuminated push-through lettering.	1	Garage name, parking rates, and stall count used in images are placeholders.
E	Site Identity	One (1) sign, freestanding, mounted on a concrete base along 1st Avenue N, north of Thomas Street. The sign consists of two lines of text. The upper line will consist of aluminum channel formed letters with painted faces and returns, and illuminated acrylic push-through outlines to simulate the appearance of neon. The lower line will consist of flat-cut painted aluminum, stud-mounted from the wall surface.	1	
M	Site ID Wall Mount	Four (4) signs, mounted to exterior concrete walls at the southeast, south and west edges of the site. Each sign will consist of two lines of text. The upper line will consist of aluminum reverse channel formed letters with illuminated push-through acrylic to simulate the appearance of neon. The lower line will consist of dimensional letters, flat-cut aluminum stud-mounted from the wall surface.	4	
G	Pole Banners	Eight (8) signs, mounted on poles located around the west, south and east plazas. The signs will be double-sided LED banners with changing image LED display on both sides. LED displays will have perforated side panels for forced ventilation.	8	Final engineering for windloads and ventilation
D	Digital Readerboard	Six (6) freestanding pylon signs, in the west, south and east plazas. Each sign will consist of an aluminum cabinet with powder-coated custom faux wood graphic trim applied along the top cap and bottom, LED displays on front and back, and illuminated push-through lettering.	6	Final engineering for windloads and ventilation
I-2, I-3	LED Display	Two (2) LED display signs on the east and west facade of the southwest mechanical intake/exhaust structure. Signs consists of an edge-to-edge dynamic LED board, displaying changing static images and video. Sign is mounted in front of air intake, proud of building facade.	2	
I-4	LED Display	One (1) LED display sign on the west facade of the southeast garage elevator. Sign consists of an edge-to-edge dynamic LED board, displaying changing static images and video. Sign is mounted in front of air intake, proud of building facade.	1	
O	LED Display	One (1) LED display sign on the east facade of the southeast garage elevator. Sign consists of an edge-to-edge dynamic LED board. Sign is mounted in front of air intake, proud of building facade.	1	









CLIMATE  
PLEDGE  
ARENA